CENTRALIZED GIFT PROCESSING SUPPORTING DOCUMENTATION – CASE DISTRICT VII

No story about our centralized gift processing system at UC Davis would be complete without an illustration of what we built and how we built it. What follows is a series of annotated slides that highlight the key elements of the system and how we worked as a team to bring it to life.





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INDEX OF SUPPORTING DOCUMENTATION



The Life of a Gift Through CGP

Business Process	Document Gift	Deposit Funds	Process Gift	Issue Receipt	Disperse Funds
Supporting Technology	GREAT Website GREAT Coupon	Lockbox: OCR Scanner & E-cashier	Ellucian Advance & APIs	Post-Processing Reports	Kuali Financial system & APIs



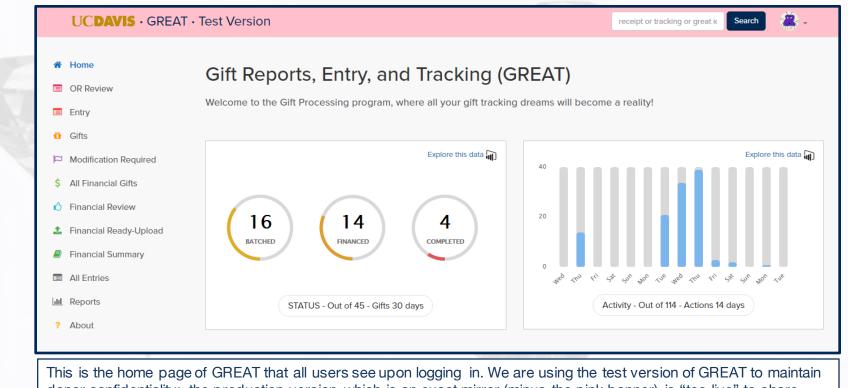
Centralized Gift Processing – in a Nutshell



Timeline	Build to Implementation: 18 months
Target Audience	Internal Stakeholders: All Development Staff
Data Sources	Ellucian Advance, Kuali, Microsoft Azure, AQ2 (Lockbox), Bank of America data
Technology Used	 Frontend: AngularJS, HighCharts, HTML5, SASS (for CSS) Middleware: ASP.NET C# API w/KFS Scrubber SFTP integration, .NET Windows Service for BofA and Lockbox communication Services: SparkPost (email), Stackify (logging), Pingdom (monitoring), StatusPage.io Backend: MS SQL Server, ElasticSearch, Azure Storage, Queue + Service Bus Hosting: MS Azure Cloud, GitHub, AppVeyor (CI), Octo (Deploy)
Project Costs	~\$900,000 (all-inclusive).
Project Team	Executive Director, Sr. Director of Advancement Services, Business Analysts (6), Data Analysts (2) Gift Reviewers (2), Gift Processors (2), Programmers (4)

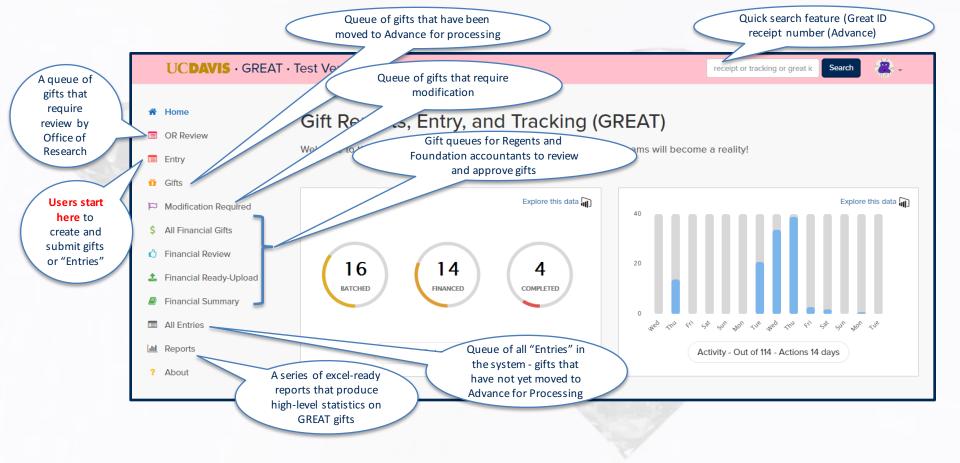
A. Project Snapshot (Project Metrics)





donor confidentiality; the production version, which is an exact mirror (minus the pink banner), is "too live" to share.

B. Screenshots of GREAT: Home Page



B. Screenshots of GREAT: Navigating the Home Page

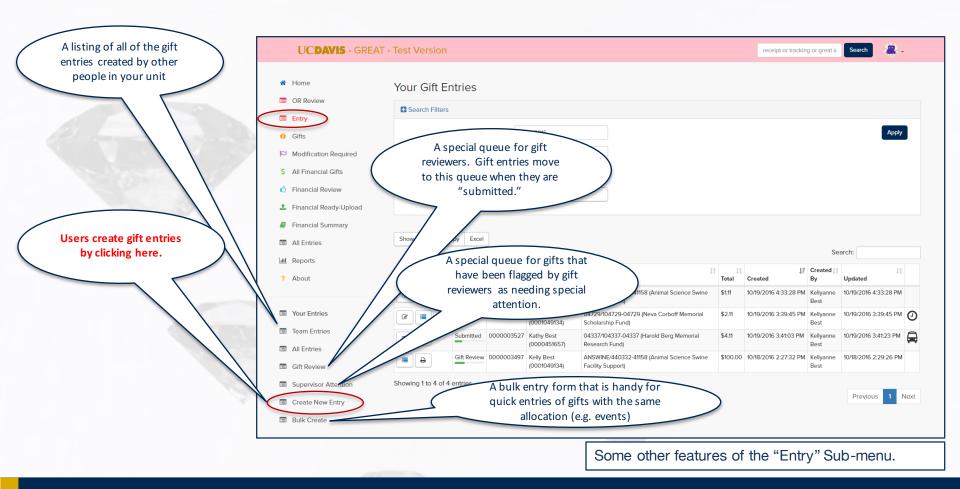


When users click on the "Entry" button on the main menu, a submenu is generated below and users are defaulted to "Your Entries "-- a page that lists all of the gift entries each individual has created along with identifying details of each gift entry including the primary donor, and the creator of the entry. The list populates based on the date range and other parameters indicated in the Search Filters. The icons on the far indicate the where the gift is in the transit process. In this example, the bus icon indicates the gift is on its way via the courier system. The clock icon indicates the gift has not vet been sent.

UCDAVIS · GREAT	Test Version					receipt or trackin	g or great ic	Search	
 Home OR Review Entry Gifts Modification Required All Financial Gifts Financial Review 	Your Gift En	Start Date 10 End Date 10)/18/2016)/26/2016 Created Date All selected (20)					Арру	I
 Financial Ready-Upload Financial Summary All Entries Reports About 		py Excel	Primary Donor	Allocations II ANSWINE/440332-41158 (Animal Science Swine	Total \$1.11	Created	Created ≬ † By	arch: Updated 10/19/2016 4:33:28 PM	
Your Entries Team Entries All Entries Gift Review		Created 0000003525 Submitted 0000003527 Gift Review 0000003497	(0001049134) Kelly Best (0001049134) Kathy Best (0000451657)	Facility Support) 04729/104729-04729 (Neva Corboff Memorial Scholarship Fund) 04337/104337-04337 (Harold Berg Memorial Research Fund) ANSWINE/440332-41158 (Animal Science Swine Facility Support)	\$2.11 \$4.11	10/19/2016 3:39:45 PM 10/19/2016 3:41:03 PM 10/18/2016 2:27:32 PM	Best Kellyanne Best Kellyanne Best	10/19/2016 3:39:45 PM 10/19/2016 3:41:23 PM 10/18/2016 2:29:26 PM	•
 Supervisor Attention Create New Entry Bulk Create 	Showing 1 to 4 of 4 e	entries						Previous 1 N	Vext

B. Screenshots of GREAT: Entry -> "Your Entries"





B. Screenshots of GREAT: Entry -> "Create New Entry"





B. Screenshots of GREAT: Create Donation/Gift Entry – Top Section

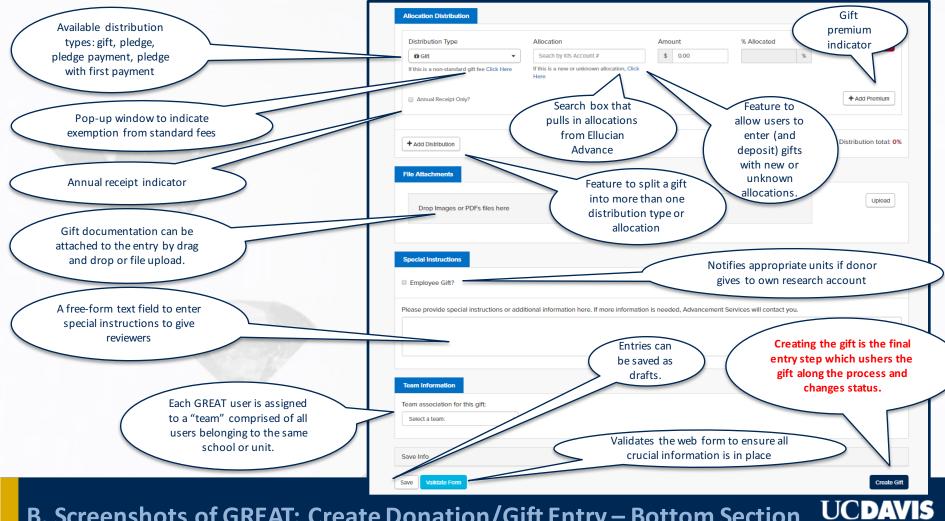
When users click on the "Create New Entry" they are taken to the Create Donation screen. This is web form into which all of the gift information is documented.

The bottom section of the web form captures gift type, allocation, file attachments and special instructions. At the end of the form, users can save a draft of the entry, validate the form against all required fields, and create the gift.



Distribution Type	Allocation	Amount	% Allocated	-
🛱 Girt	 Seach by Kfs Account # 	\$ 0.00	%	
If this is a non-standard gift fee Click I	Here If this is a new or unknown allocatio Here	n, Click		
Annual Receipt Only?				+ Add Premium
Add Distribution				Distribution total:
ile Attachments				
Drop Images or PDFs files he	ere			Upload
pecial Instructions Employee Gift?				
Employee Gift?	s or additional information here. If more in	formation is needed, Advanceme	ent Services will contact you.	
Employee Gift?	s or additional information here. If more in	formation is needed, Advanceme	ent Services will contact you.	
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Employee Gift?	s or additional information here. If more in	formation is needed, Advanceme	ent Services will contact you.	
Employee Gift? ease provide special instructions	s or additional information here. If more in	formation is needed, Advanceme	ent Services will contact you.	
Employee Gift? ease provide special instructions	s or additional information here. If more in	formation is needed, Advanceme	ent Services will contact you.	
Employee Gift? ease provide special instructions eam Information am association for this gift:		formation is needed, Advanceme	ent Services will contact you.	

B. Screenshots of GREAT: Create Donation/Gift Entry – Bottom Section UCDAVIS



B. Screenshots of GREAT: Create Donation/Gift Entry – Bottom Section

When users click on the "Create Gift" button at the bottom of the web form it generates a "GREAT Coupon" and a "GREAT Gift Entry Screen" which lists all of the features of the gift, including its current status and change history.

At this point in the process, users can print off the "GREAT Coupon," which is a remit piece with a scanline of pertinent donor and gift information. This Coupon is then sent to us at Advancement Services with any accompanying tender.

We use this coupon to electronically capture the key donor and gift information using Optical Character Recognition software which runs on our Lockbox scanner. The Lockbox is also how we electronically deposit gift monies.

Users can also edit the created gift entry, which automatically produces a new coupon with the updated entry information (see next slide for coupon example).

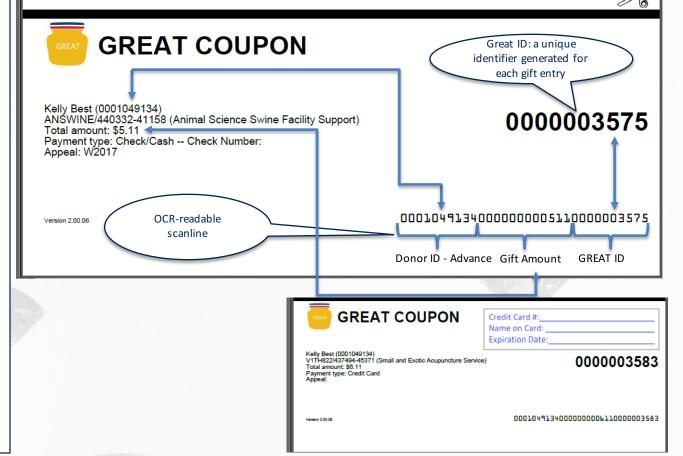
GreatiD #: 3575	Created		Edit	Print GREAT Coupon						
			\bigcirc		Status @					
Gift Details			Prin	nary Donor:	Created					
Payment Type: Received: Amount: KFS Key: GREAT Id:	Check/Cash 10/26/2016 \$5.11 H01026000A 0000003575		0 kbes 1 Shield	st, Kelly D 001049134) tëucdavis.edu Is Ave. Davis, CA 5616-5270	Last Modified 10/26/2016 2:09 PM Attachments 💠 ® View All					
Distribution 1					_					
Transaction Type: Fee Type: Amount: Annual Receipt Only?: Allocation: Agency: Fund Type: School: Department: Sub-Department: Purpose: Comments No comments	Gift Standard \$5.11 No ANSWINE/440332 Regents CURRENT Ag & Env Science Animal Science (A Research	s (AAES)	ence Swine F	Facility Support)						
History		DESCRIPTION	CTATUS	40700						
TIME Wednesday, O	ctober 26, 2016	DESCRIPTION Drafted	STATUS	ACTOR Kellyanne Best						
	ctober 26, 2016	Edited	Draft	Kellyanne Best						
Wednesday, O	ctober 26, 2016	Edited	Draft	Kellyanne Best						
	ctober 26, 2016	Edited	Draft	Kellyanne Best						

B. Screenshots of GREAT: Gift Entry Summary Page

Every GREAT gift entry generates a unique GREAT Coupon PDF, the bottom portion of which is a detachable remit piece with key donor and gift information. The scanline is in a OCRreadable font.

We run these coupons through our lockbox scanner along with any eligible tender (checks). This captures the pertinent donor and gift information which readies it for electronic bank deposit and subsequent transfer to our on-campus holding accounts.

GREAT coupons for Credit Card gifts provide an area to hand-write credit card information. We cannot yet store credit card information in the system. This method ensures PCI-compliance. (CC information is redacted from all images after secure transport and deposit).



B. Screenshots of GREAT: GREAT Coupon

Courier Stops

		counci scops	
	School/Unit	Physical Address	Pickup Time
	College of Agricultural &		
1	Enviromental Science	140 Environmental Horticulture	M-F 2:00pm-2:10pm
2	School of Veterinary Medicine	Veterinary Medicine Dean's Office Surge IV	M-F 2:15pm-2:20pm
3	Annual Fund	UC Davis Conference Center	M-F 1:50pm-1:55pm
4	Arboretum	Valley Oak Cottage (on La Rue Rd across from Academic Surge)	M-F 8:15am
			MWF 9-9:30am
5	Library	Shields Library, 100 NW Quad, Room 251	TTH 10-10:15am
			MWF 9:15am-9:30am
6	Engineering	Kemper Hall, Room 1121	TTH 8:30am-8:45am
			MWF 10-10:15am
7	School of Law	King Hall, 400 Mrak Hall Dr, Suite 2380	TTH 8:30- 8:45am
			MWF 10-10:15am
8	Office of Research	(JMIE) The Barn - 501 Engineering Bikeway	TTH 9:30- 9:45am
			MWF 9:30-9:45am
9	School of Education	School of Education Bldg , Room 162	TH 10:00- 10:15am
			MWF 9-9:15am
10	Athletics	Hickey Gym, Room 264	TTH 9:45-10am
11	Institute of Transportation Studies	1605 Tilia St Davis, CA	M-F 1:15pm
			MWF 9:45-10:00am
12	College of Letters & Science	Social Science and Humanities Building, Room 1207	TTH 10- 10:30am
13	*UC Davis Medical Center	4900 Broadway Ste. 1830, Sacramento CA 95820	M-F 9-9:30am
			MWF 10:30-10:45am
14	College of Biological Sciences	Life Sciences, Room 210 (in the basement - enter through Room 202)	TTH 8:15- 8:30am

*See UC Davis Sacramento Campus Map





GREAT coupons and tender (all physical tender except cash) are sent to Advancement Services in one of three approved methods: in-person delivery, US Postal Service, or via a courier system. Our contracted courier service makes fourteen stops daily at various locations on the main campus and at the UC Davis Medical Center.

Gifts sent via our courier system are secured in a locked bag during transit. This ensures PCI-compliance.

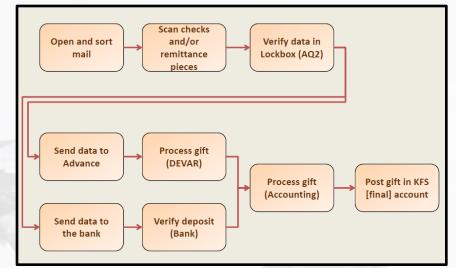
Cash gifts are delivered in-person or via police escort, as per campus policy.

C. GREAT Gift Courier System





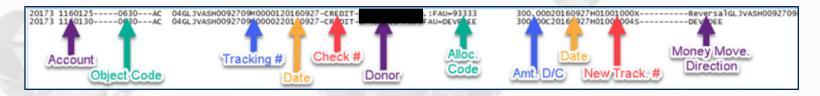
When GREAT gifts are received at Advancement Services, we sort, batch, and scan the Coupons and tender. Donor and gift data are captured and verified using AQ2 Lockbox software. The gift money is electronically deposited, and the donor and gift data are sent to Advance/GREAT for processing. At this point, scrubber docs are created for each gift entry and attached to individual records in GREAT. Scrubber docs direct the money movement from the holding account at the Bank of America to our campus accounts via Kuali (accounting system).





D. Lockbox Scanner & E-Cashier

Scrubber Docs: text files of journal voucher entries that contain data that inform the movement of gift money through our financial system, Kuali.



In the above example:

The top line:

 \cdot Goes to account 1160125 and will be added to that account's ledger in our financial system, Kuali.

· Has an amount debit (300.00D) meaning 300 dollars is being removed from 1160125

• Has a Money Movement Direction of Reversal meaning it has no sub-account to eventually move into; the money is being completely removed from 1160125

The bottom line:

- \cdot Goes to account 1160130 will be added to that account's ledger in Kuali
- · Has an amount credit (300.00C) meaning 300 dollars is being added to 1160130
- \cdot Has a Money Movement Direction of allocation DEVPOEE. The eventual goal is for the majority of this money to be credited to allocation DEVPOEE

E. The Anatomy of a Scrubber Doc

Financial E The KFS Preview window allows the financial reviewers Home R Financial Export Financial Ready-Upload to see the exact path of the gift money and how it will OR Review Search Filters Entry be dispersed, as per the scrubber doc. Gift fees and Apply Gifts Start Date 02/04/2017 Agencies All selected (2) premiums are automatically calculated. GREAT also C Modification Required 03/07/2017 Fund Type All selected (3) handles gifts split between Regents and Foundation End Date \$ All Financial Gifts accounts. Reviewers push the money into KFS Filter Date For Created Date Purposes All selected (9) -Financial Review (accounting system) by hitting "Manually Complete." Tender Type All selected (13) -Department Code Financial Ready-Uplo All selected (2) AF Fee School Code Financial Summary Kfs Preview for Receipt #0001948753 Show all rows Copy Excel Search Primary AF 1F Recor Ren Kfs Key Created Date This shows exactly what accounts the money will move into once it is sent to KFS CHEMRBN 3-CHEMRBM CLAS Standard N \$2.500.00 - 3/3/2017 3/3/2 CURRENT Sec Balance Type Debit/Credit Account SubAccount Amoun RMIFRIE (R 3-RMIERIE AAES \$1,000.00 -3/1/2017 3/1/20 Standard CURRENT 00001 AC D 3-1160130 0630 2500.00 001948460 H10228003 DEVPBBI (R-3-DEVPBBI ICAA Standard N \$250.00 -2/22/2017 2/28 00002 AC С 3-9241111 2350.00 0060 CURRENT AC С 3-9256996 100.00 00003 0060 001948461 H10228003G DEVPBBI (R-3-DEVPBBI ICAA Standard N \$250.00 🗸 2/22/2017 2/28/ CURRENT AC С 3-9256996 50.00 00004 0060 00001 CB 3-9241111 INCO 2350.00 This is financial review and approval interface in GREAT. CB 3-9256996 100.00 00002 INCO Foundation and Regents accountants use the financial CB 3-9256996 50.00 00003 INCO CB -2350.00 queues to review and approve the dispersion of the 00004 3-CHEMRBM SUB3 funds. They can look at the gift entry and also take a 00005 CB 3-LSDEGFE SUB3 -100.00 00006 CB 3-8056996 SUB3 -50.00 closer look at how the funds will be dispersed by clicking on the magnifying glass icon which pops-up the KFS

F. Accounting Review + Money Movement

Preview window.

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Close

Financial De	tails for #0001938676			×
				AFPIURH
				8056996 -
		9256996		
				398000N
470045				
1178015		9239800		
			>	GV39800
Account	Name			Amount
Account 3-8056996	Name Central Campus Gift Fee Account			Amount \$0.40
		GIFT FEE		
3-8056996	Central Campus Gift Fee Account	GIFT FEE		\$0.40
3-8056996 3-AFP1URH	Central Campus Gift Fee Account UR: CLEARING ACCOUNT FOR VC 4%			\$0.40 \$0.80
3-8056996 3-AFP1URH 3-398000N	Central Campus Gift Fee Account UR: CLEARING ACCOUNT FOR VC 4% Annual Fund Fee Account			\$0.40 \$0.80 \$6.60

The Financial Details visualization feature is available to view on all completed gifts. It provides a visually pleasing map of money movement for each individual gift. Note the three gift fees that were auto-calculated and dispersed.

F. Accounting Review + Money Movement



UCDAVIS · GREAT · Test Version Preferences	receipt or tracking or great it	
Editable Preferences		
Don't mess up your email, otherwise you may not get notifications. The Campus LDAP server.	ese values are defaulted from the	
kbest@ucdavis.edu	wed 10/26/2016 2:12 AM donotreply@givemai Gift Tender Missing kelly D Best If there are problems with how this message is disp	
Notification Preferences	Bing Maps	+ Get m
How would you like to receive notifications?	UC DAVIS	GREAT Missing Tender
What gifts you like to be notified about?	Wednesd	eived your gift tender yet. ay, October 26, 2016
What events would you like to be notified about?	You stated on the Gift Entry F Thursday, October 13, 2016 Please confirm that you have View the Gift Details	orm that the tender was shipped by usps on sent your tender.
GREAT Form Requires Attention \hat{C} GREAT Form Approved for Processing \hat{C} Gift Financed	Primary Donor: Payment Type:	0000018895 Tawny High (0001055305) Check/Cash \$2.11
Save		vancement Services

GREAT has a built-in e-mail notification system that makes it easy to track gifts. Users can elect to be notified in a variety of instances (e.g. gift changes status, someone in your unit creates a new gift).

All pertinent GREAT users receive email notification whenever we have not received a gift in the expected timeframe or whenever they need to take action on a gift in order to move it forward in the process.

G. GREAT Notifications & Example





UC DAVIS GIFT ADMINISTRATION 1460 DREW AVE, SUITE 100 DAVIS CA 95619 TEL 530.754.2043 gifts@ucdavis.edu

UCDAVIS

November 1, 2016

Mrs. Jane Doe 123 Fake St Davis, CA 95616-1951

Dear Jane.

Thank you for your support of UC Davis! This letter will serve as your receipt for your gift of \$500.00 in honor of your cat, Paws, and in memory of John Doe. If you have requested that a contact be notified of this tribute gift, a letter will be sent to that contact directly.

Contributions from loval alumni, friends, patients and parents like you provide vital support that helps UC Davis fulfill its land-grant mission to improve the world through excellent teaching, innovative research, transformational health care, and impactful public service. Your gift to UC Davis is helping advance one of the top public universities in the United States.

Thank you again for your investment in the future of UC Davis.

Sincerely.

Jessica Macaluso Executive Director of Advancement Services UC Davis

RETAIN THE INFORMATION BELOW AS YOUR RECEIPT FOR TAX PURPOSES



Mrs. Jane Doe, as requested, we have designated your \$500.00 donation towards the following:

John Doe Scholarship Fund - \$500.00 - Received on 10/25/2016

For IRS purposes, we document that no goods or services were provided in exchange for this gift. It is the policy of the University of California, Davis to utilize a portion of the gift principal and/or short-term investment income on current gifts and grants to support the cost of raising and administering gift funds.

UC DAVIS GIFT ADMINISTRATION - 1460 DREW AVE, SUITE 100, DAVIS, CA 95618 - 530.754.2043 - gifts@ucdavis.edu

When gifts have been deposited and processed in our system of record, Advancement Services sends an official tax receipt. These receipts are householded and include confirmation of the gift amount, the benefitting fund, receipt date, tribute gifts (IMO or IHO) for people and pets. Separate notification letters (stewardship) for next of kin or honorees are mailed are handled by the schools and units.

H. Official Gift Receipt - Example

Professionally produced video built on the theme of our brand and marketing strategy: CGP and GREAT as a fine diamond. Follow the link below the to view the video from our public webpage.



Watch it here: <u>http://ais.ucdavis.edu/cgp/CGPIntroNew.mp4</u>

I. Centralized Gift Processing - Diamond Video (Animated Infomercial)





Diamond-themed SWAG bag of diamond-themed promotional materials. The secure marker at the bottom of the photo is a redaction pen used to black out any sensitive financial information on donor documentation before it is scanned and uploaded into GREAT. This maintains PCI compliance.



J. Welcome SWAG Bag and Marketing Kit



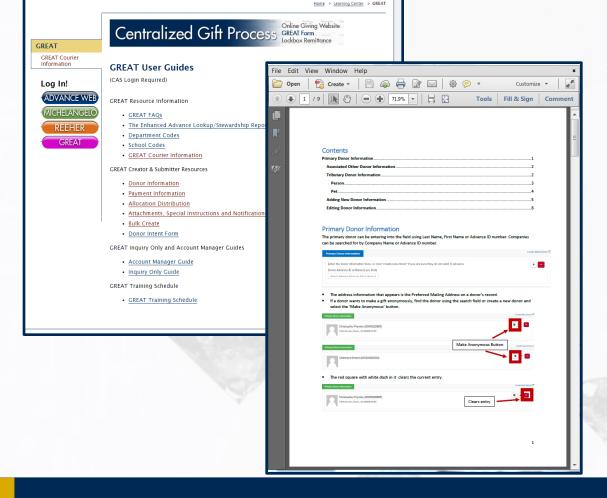
School/Unit Designation	World Food Center	Letters & Science	UCD Medical Center	Betty Irene Moore School of Nursing	Social Sciences	Humanities, Art & Cultural Studies	Mathematic al & Physical Sciences	School of Medecine	Biological Sciences	Robert & Margrit Mondavi Center	Corporate	Global Affairs (International Studies)	Office of the Provost*	COSMOS*	Health Systems Annual Fund	Integrative Studies*	DEVAR	Office of Research (Bodega Bay)**
'Hard Touch' Meeting Date	8/17 1-2	8/17 1-2pm	8/11 11- 12pm	8/11 11- 12pm					8/1 11- 12pm	8/1 11- 12pm	7/6 2-3pm	7/27 1-2pm	N/A	N/A		N/A	7/26 11- 12pm	N/A
GREAT Training Date Go Live Date	8/31/2016 9/6/2016	8/31/2016 9/6/2016	9/6/2016 9/7/2016	9/6/2016 9/7/2016					9/20/2016 9/27/2016		Will Call TBD	Will Call TBD	Will Call TBD	Will Call TBD	TBD	Will Call TBD	Will Call*	Will Call TBD

School/Unit Designation	Cal Aggie Alumni Association	Manetti- Shrem Museum of Art	Arboretum	Library	Athletics	Graduate Studies	Graduate School of Management	Engineering	School of Law	Office of Research	School of Education	Institute of Transportati on Studies	UC Extension	Student Affairs	Implemented
		N. L	V												in 32 schools
'Hard Touch'	6/27 11-	6/24/16 2-		6/24/16 2-		7/1 11-		7/12 11-				7/26 11-	8/1 11-	8/11 11-	and units
Meeting Date	12pm	3pm	3pm	3pm	6/27 2-3pm	12pm	6/27 11-12pm	12pm	6/27 2-3pm	7/7 1-2pm	7/26 11-12pm	12pm	12pm	12pm	
GREAT Training															across
Date	7/7/2016	7/13/2016	7/13/2016	7/20/2016	7/20/2016	7/20/2016	7/27/2016	7/27/2016	8/3/2016	8/3/2016	8/8/2016	8/16/2016	8/23/2016	8/23/2016	campus.
Go Live Date	7/12/2016	7/19/2016	7/19/2016	7/26/2016	7/26/2016	7/26/2016	8/2/2016	8/2/2016	8/9/2016	8/9/2016 TBD	8/16/2016	8/23/2016	8/30/2016	8/30/2016	

We evaluated 32 schools and units for their average yearly gift volume and level of gift complexity to establish a staggered training and roll-out schedule that avoided bringing online two heavy users in a row. We presented the diamond video at the hard-touch meetings.

K. Roll-Out Schedule





Two weeks after the implementation meetings, we held full-day classroom training sessions, customized for different audiences by using discrete lesson modules that could be reordered or omitted. The training was particularly effective because the guided exercises mirrored the most common types of gifts each unit would receive, based on our analysis of past data. After the training sessions we granted access to each user based on their particular role in the unit and set their corresponding permissions in GREAT.

L. Training Materials – User Guides





We continue to communicate with our users through monthly "Diamond Dust" emails that provide tips and tricks or news about upcoming releases.



Thu 9/22/2016 4:35 PM

devar-great-status-request@ucdavis.edu on behalf of Ralph V Castaneda <rvcastaneda@ucdavis.edu>

Diamond Polishing and Diamond Dust (September 2016)

To 🗌 devar-great-status@ucdavis.edu

Action Items

Get more apps

Just a few reminders and helpful hints:

ACCOUNT TRANSFERS:

- Clarification on what Advancement Services requires as backup documentation for processing Account Transfers in GREAT.
 o Please attach these items to the GREAT record before submitting:
 - Cash Receipt email from the Cashier's Office (not required when a CR doc does not exist)
 - Donor documentation supporting the allocation choice
 - Date the gift was received
- Don't forget to 'cc your account managers when adding an account to the list of options in GREAT for your team.

COURIER AND GREAT GIFT LOG:

- Please generate a 'GREAT Gift log' (instructions attached) for all items sent to Advancement Services for gift processing
 regardless of whether they are being delivered by the courier or in person. This is to provide assurance to your department
 and Advancement Services that each item was properly delivered.
- When delivering GREAT Coupons and tender to Advancement Services during normal business hours in person, do <u>not</u> use the drop box outside the front door. Give the items to the receptionist so that it can be properly logged and marked as 'received'. All items (<u>except cash</u>) can be placed in the drop box (located outside of Advancement Services) <u>ONLY</u> when we

L. Training Materials – "Diamond Dust" E-Newsletter



CGP wasn't built in a day. But it was built in two-week sprints. Here is a snapshot of the team during a SCRUM planning session. We map out the tasks put them on post-it notes.

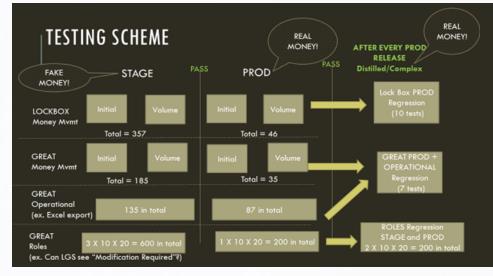
Batch Scanning QB Back WRC Code witch Mont Neutral Ac GREAT Batch OLG Review Processing OLG Rec OLG Data Pul

An up-close and personal of the CGP tasks. We have laminated post-its for recurring jobs.



Our "CGP" board, where we place the color coded post-it note tasks in rows corresponding to larger task themes. We self-assign tasks by moving the post-its into individual lanes every morning during our standup meetings. We move them off the board when the are completed.

M. CGP Planning Behind the Scenes - Agile Development in Action UCDAVIS



TRACKING THE TEST RESULTS

Spreadsheets.

• 10 separate excel spreadsheets all customized to the type of test

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				ST TRA	CKING INFO	DRMAT																	
2 Galling		Faproted Walter	6-10-100 6-10-00	for Base	these Read	68541-0	Renation i	Reading .	Add Tracking #		9	Probine Amount 7		-	Scales Fables Scales Dec	Financial Res	Scotles Spinst	Gardina BFS	finação -	Fording in Province	2	Eastdary's Comments	
a forward	-				Acid Secol.	414								4.46						6.mpitra	1000		
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	-1 -1						100714	recent						10.04	Canad	Chevel	Carel	See.	-				
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Tracks test movement through the system Uses a nifty naming system to track test type/round

Tracks test purpose, expected results, and actual results it EVEN calculates the scanline (if applicable)

A breakdown of our testing scheme. Every two weeks we conducted initial and volume testing on newly-released features (in stage and production). When those new features passed in both stage and production we rolled them into one of ten complex testing scenarios we created for our regression tests. We conducted nine rounds of regression tests before our go-live date.

N. GREAT Testing Scheme and Tracking Tool





2. Created - The gift has been created with all required information and can now be submitted.

Required to Progress: Manual action; the "sublumit for Gift Review" button is clicked Actor: Submitter (Testing Lead) Icon Status 1: Waiting Scenario 1 Non-physical tender type needs submission. Icon: O Scenario 2 Physical Inderi type documents need sending. Icon: O

Icon Status 2: In Transit Scenario 1 Documents are in transit via courier. Icon: A Scenario 2 Documents are in transit via in person delivery. Icon: ▲ Scenario 3 Documents are in transit via U.S. Postal Service. Icon: ■

Icon Status 3: Deposited

For <u>Internal</u> Use Only

Page 7

Required to Progress: Manual action; Foundation Accounting approves gift Actor:

Expected Time in Status: Until Beginning of the Month

Possible Next Status(es): Completed¹⁹

Notes: Testing Support will check the distribution of funds in Decision Support. Findings will be documented in the appropriate testing spreadsheet. For STAGE tests, Testing Lead will move the gift forward.

UCDAVIS ADVANCEMENT SERVICES

 Completed - The gift has been processed in the Advance System and KFS. All processing is now complete.

> Notes: Testing Support will document **Completed** status in the appropriate testing spreadsheet.



Actor: ected Time in Status: 0 - 2 day(s) sible Next Status(su): Additional Processing¹², Financial Hold¹³, Financial Review¹⁴

Notes: Testing Support will upload images of the gift in Advance as attachments For Internal Use Only

For Internal Use Only

This is a reference document we developed for testing staff. It gives a detailed description of each of the nineteen different possible statuses of a gift based on where it is at any given point during its journey through GREAT.

N. GREAT Testing – "Process of a Gift Through GREAT"



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- Centralized Gift Processing Procedures
- Account Transfer Creation Request Procedure
- Document Retention
- GREAT Ticket Routing
- Reasons for Moving a Transaction to Lead Gift Attention
- Reasons for Moving a Transaction to Long-Term Holding
- · Reasons to Process a Gift from LBX as GREAT
- Section A: General Summary
- Section B: Lockbox Solicitation Pieces
- > Section C: Sorting, Scanning and Data Management
- > Section E: Quarterback and Gift Policy Analyst Duties
- > Section F: Hybrid & Gift Review
- > Section G: Gift Processor
- > Section H: CGR Receipting
- > Section J: Account Reconciliation
- > Unhappy Path Collaboration Page
- > Centralized Receipting
- > CGP Team Schedule & Tasks
- > CGP Testing
- > GREAT
- > Lockbox

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Centralized Gift Processing Procedures

Created by Michele Hicks, last modified on Oct 27, 2016

(i) PCI Violation-At any time a non-redacted credit card is found in the gift documents, please immediately report it to one of the managers in person. A special process must take place to safely remove this document from the servers. Please delete the contents in the download folder. The download folder is found in the C drive (e.g. C:\Users\mhicks\Downloads) and purge the recycle bin.

Primary - The Primary is the main writer for the procedure. They are in charge of writing the core procedure as well as integrating any edits that result from walkdowns.

Review - The Review(er) reviews initial draft and edits made by the Primary. They are in charge of providing feedback to the Primary, ensuring the edits were integrated, and deciding when the procedure is ready for a walkdown.

Walkdown - The Walkdown(er?) walks down the procedure in its entirety. They are in charge of walking down the procedure and sharing their unfiltered thoughts, concerns, and/or suggestions on the procedure. The Walkdown(er) will walkdown the procedure with the Primary present. They will only ask the Primary for direction if the process cannot be completed without the Primary's input; all steps should be followed from the procedure for a clean walkdown.

Procedure	Primary	Review	Walkdown
Quarterback	@ Melissa	@ Danielle	@ Jeanne
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We use confluence to hold our CGP internal documentation and operational manuals.

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C Share

O. List of CGP Internal Procedures– Behind the Scenes

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