

GDSM Efficiency List Phase 1		
	GDS	GDSM
General:		
1. Device Compatibility	Currently the legacy system is only available on modern devices such as computers and laptops.	Compatible with different devices such as computers, laptops and all mobile devices
2. Browser Compatibility	Currently the legacy system is recommended only for Internet Explorer version 9.0 and Google Chrome version 24.0.	Compatible across various browsers.
3. Clean Formatting and Look	The format of WebGrants 4 Students is dated, complicated and not user friendly for the student.	In GDSM, Web grants 4 students has been reformatted to provide a cleaner and more modern look.
4. Information Display	WebGrants 4 Students currently forces students to visit multiple pages for information about their award offer.	A Centralized Display for student information is available on one page / window, so student spends less time navigating. It is more user friendly with improved system functionality and need for less clicks to get information.
5. Display of Awards	Too much information displayed using technical descriptions that confuses students.	Displays various awards as panels with award information are distinctly separated out as: Application Status, Award Status, Annual Award Amount, and Remaining Program Eligibility for each program award. Only displays awards that students are considered for and thereby, avoids confusion
6. Forms	Most forms are in PDF format that must be manually filled in, sent in by student and manually entered into the system by the CSAC Staff.	Implemented electronic web forms resulting in a process that is fully automated, paperless and lends to a faster processing turnaround and more timely response to student.

7. ADA Compliance	Not currently ADA Compliant.	All Electronic Web-forms and PDF documents are ADA Compliant.
8. CSAC Staff view of Student SLP	Staff has a different view than the student's view creating difficulty in guiding the student through the various pages.	The CSAC Staff and student will have identical views which will assist the staff in guiding the student and help reduce call times.
9. Information for self service	Currently the system has a lot of informational text that is confusing and too generic.	The verbiage has been revised to make the information concise and clear to the student.
10. Organized tab	Currently available as a dropdown and is difficult to toggle back and forth.	Organized tab items displayed above the award panel to provide information based on the academic year.
11. Time out Notifications	Alert activated only after an extended period of inactivity.	Implemented alert on the UI after 3 minutes of inactivity which if not responded to logs the student out. This enhances the security.
Chafee:		
12. Out of State School Form	Currently, the student must call CSAC staff to add a school that is not listed as a Chafee school.	An electronic form has been developed to add any new school to the list of Chafee schools.
13. School Change history	Currently not shown.	School change history displayed on the School Change screen and School of Attendance card.
14. Chafee and Cal Grant School Change	School change is possible but is a more complicated process.	Improved functionality to enable students to easily change schools and simultaneously update their record in the system. School Simulator provided to help student select new school.

15. Chafee Only School Change	School change link buried amongst text and difficult to locate.	School change button prominently displayed on the School of Attendance card on the Chafee panel.
16. Remaining Eligibility	Currently not displayed	Remaining Eligibility Card to display information about estimated program remaining eligibility.
17. Application and Award Status	Information is on a single page under Student Application Status and not easy to understand.	Chafee Application and Award status has been separated and displayed on different cards for clarity.
18. Payment History	Display of payment information difficult for student to understand and uses technical terms.	As part of Award History, student can access payment history and easy to read and understand.
Cal Grant:		
19. Not Awarded reasons feature	Does not provide information for students not awarded which leads to higher call volumes for explanation.	Reason for not being awarded is now prominently displayed on the Award Status button to help students better understand their status.
20. To Do list	Currently not available	A "To do" list is displayed on the application and award card for students whose awards in a pending status due to having to take action to get their award processed. With the "To Do" list the student is made aware of the outstanding items needed to clear their pending status.
21. School Comparison Chart	Currently not provided	Comparison chart of schools selected on FAFSA/CADAA to aid student in making their choice of school of attendance.
22. Cal Grant General Appeal functionality	Currently available as a PDF.	Implemented as an electronic Web Form.

23. California Aid Report (CAR)	Current CAR report too lengthy and confusing.	Implemented new CAR report for better understanding by the student. CAR report made more easily accessible. Student has the ability to download and print CAR.
24. Student Action Items	Student must call CSAC for clarity on next steps to take.	Action Items moved to "To-Do" list on pending Award Status Card.
25. Community College Reserve (CCR) Appeal	Currently CCR Appeal form is hard to find.	Moved CCR appeal functionality to "To-Do" list on pending Award Status Card for easier access.
26. Appeals	A paper and manual process.	Offered through the student portal allowing the student to track and keep a record of the request.
27. Cal C Supplement Form and Transfer Entitlement Form	Student submits a paper copy.	Electronic web forms accessible through the student portal and can be submitted online.
Notifications:		
28. Time sensitive Alerts	Currently not available.	Implementing time sensitive Alerts to notify students of any action to be taken to confirm their award.
29. Communication Center	Currently not available	Consolidated communication center to help students manage their communications to and from the system and CSAC staff.
30. Notifications Icon	Currently not available	Notifications icon to notify student of unread communications.
31. Edit Demographic Information	Student unable to edit most demographic information and calls for assistance and mails in supporting documents.	Student is able to edit demographic information and upload supporting documents for a more timely response.

32. Printable ID Card	Currently no ID card available	Students are able to download and print Cal Grant ID Cards for easy reference.
33. Email Notification of Changes	Manual process	Email Notification sent by system to the student of any changes to any information on their portal.
CNG:		
34. Web grants 4 students	Currently not available	Access granted to students awarded a CNG award.
35. CNG Panel	Currently not available	Students awarded the CNG grant will have all information regarding their award distributed across 6 cards in the CNG panel.
36. CNG Application Login	Currently not available	Student will have the ability to login to complete and save their application.
37. CNG Electronic Web Forms	Currently not available	Student will have the capability to verify enrollment, submit Leave of Absence and other forms online.
38. CNG School Change Online	Currently not available	Student will have the capability to simulate school changes and choose new school of attendance.
CADAA:		
39. Look and features of CADAA website	Currently does not translate well to mobile devices and is recommended only for Internet Explorer version 9.0 and Google Chrome version 24.0.	The CADAA website has been reformatted to provide a cleaner and fresher look and to be compatible across multiple browsers and with various mobile and modern devices.
40. Language Translation	Currently not available	Entire CADAA website will have the capability to be translated into multiple languages.

41. Dream Act Application	Current application is in one page and is very lengthy and overwhelming for the student.	Application has been broken down into Student, Parent and Sign and Submit Sections to cut down on errors. The application has been broken down within each section into smaller pages to make the application process easier for the student.
42. Save feature	Limited save application capabilities.	Additional and multiple save features to prevent student from losing data.
43. Progress bar	Currently not available.	A green check mark appears next to each section to indicate the progress being made through the application.
MCS:		
44. Award Status	Currently not Available	Student can easily access Award Status.
45. Award History	Currently not Available	Student ability to see prior year Award History.
46. Payment History	Currently not Available	Student ability to see Payment History.
Infrastructure:		
47. Architecture	On premise tiered architecture.	Amazon cloud-based Service Oriented Architecture (SOA) – uses SOA approach for business-driven technology architecture for business and system agility and flexibility, Using AWS container-based architecture using EC2/ECS/ECR/LB/ELK
48. Identity Manager	Custom programming for each application that has unique implementation and limited scalability.	WSO2 Identity Manager open source IAM solution to federate and manage identities across applications and SSO.

49. Application	Tightly coupled Application	N-Tier Distributed Architecture – supports horizontal and vertical scalability.
50. API Manager	Not Applicable	WSO2 API Manager for API management capability to help with reuse, security and scaling.
51. Technology used	Currently uses asp.net, more server- side technology.	The application is implemented using open source tools/technologies that are completely technology platform agnostic (such as Angular JS, CSS, jQuery, REST API, Springboot).
52. Code	Large Monolithic Code base.	Microservice Based Architecture. The Business and Technical Services are implemented using Microservices API architecture as RESTful web services for reusability.
53. Source Control	Manual checkin/build	CI pipeline with GIT/Jenkins
54. Deployment	Manual deployment	CD pipeline with AWS ECR/GIT/Jenkins