



Banner 9 Program Overview of the Implementation

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June 7, 2019





Agenda

- Banner 9 Program Background
- Administrative Applications
 - Rollout Map
- Self-Service Applications
 - Road Map
- Custom Forms Development
- Questions & Answers





Banner 9 Program Background

- History of Banner
 - 2006 Implementation of Banner 7
 - 2007 Implementation of Banner 8
 - 2018 End of Life Support for Oracle Forms and Reports
 - 2018- Upgrade Administrative Applications to Banner 9
 - 2019- Upgrade Self-Service Applications to Banner 9





Banner 9 Administrative Applications Rollout



Accounts Receivable ("T" Forms)

June

Position Control / HR ("N" Forms)
Payroll ("P" Forms)
Employee Self- Service (campus-wide)

August

Registration Application

Deactivate Banner 8 Fin Aid Forms

Financial Aid ("R" Forms)

Deactivate Banner 8 AR Non-Student

April

Student Admin ("S" Forms)

General Admin ("G" Forms)

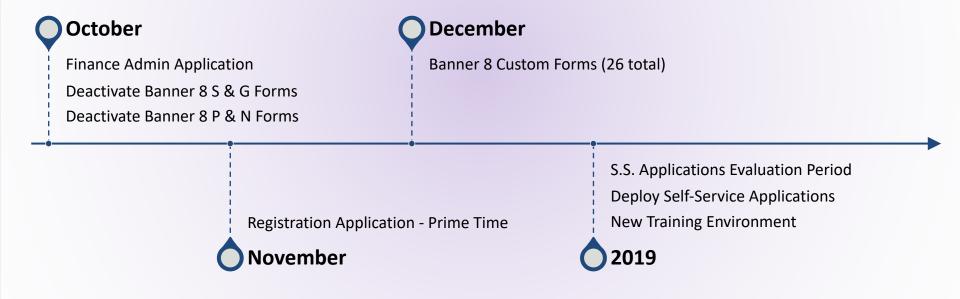
Deactivate Banner 8 AR Student Forms

July





Banner 9 Administrative Applications Rollout



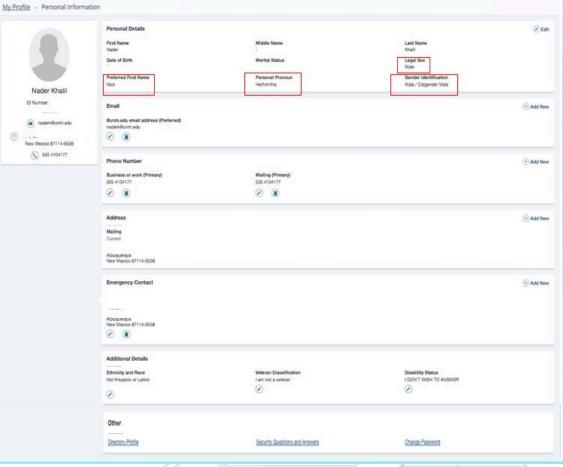
- New Applications
 - Communication Management
 - Action Items Processing
 - Event Management
- Upgrading Existing Applications
 - Students
 - Employee
 - General
 - Finance

- Account Receivable
- Financial Aid
- Faculty
- Advisors





Personal Information

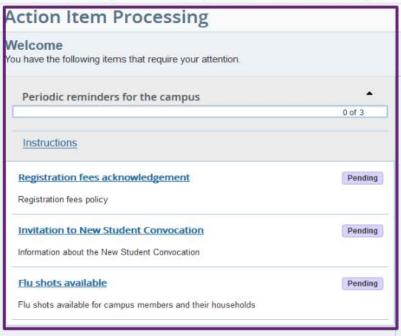


My Addresses & Directory	Info hone numbers, display name, preferred email address, camous address and phone number, and online directory information (opens a page to Directory Self Servi
My Emergency Contacts	ation for individual(s) UNM should contact in case of an emergency, and update them as needed
My Race and Ethnicity Inf	7. N. M. 19. N.
My Disability Self-Identific View your disability self-	ation Setification information in Banner and update it as needed
My Veteran Classification View your veteran classif	and Self-Identification cation and self-identification information in Banner and update it as needed
My Affirmed/Preferred Fir View your affirmed/prefe	at Name red first name information in Banner and update it as needed.
My Preferred Pronoun and View your preferred pron	Gender Identity oun and gender identity information in Banner and update it as needed.
IPRA Opt-Out of Disclosur Oct-out of including your	e of Home Information home information in a public records request
	velar Información de la Residencia información de la residencia en solicitudes de registros públicos
Change LoboWeb PIN	for accessing the Payment Application or for direct access to LoboWeb





Action Item Management . Groups . Action Item Processing

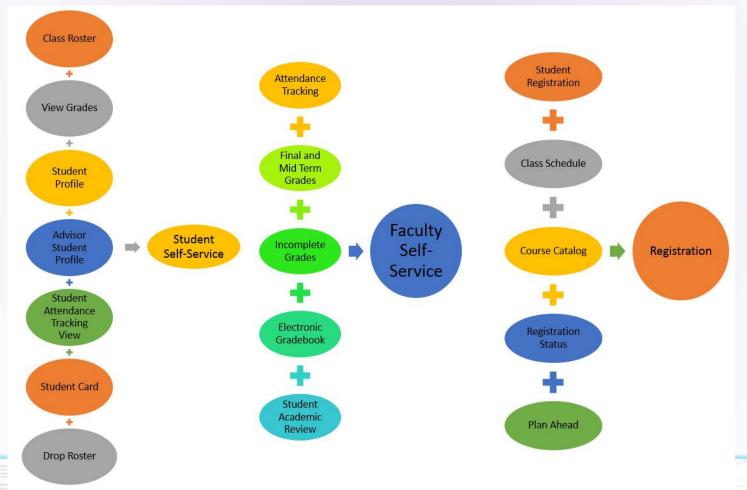


Invitation to New Student Convocation
Come join your fellow new students to start the new academic year!
The schedule is still being worked on (and we're planning on a few surprises), but expect:
Introduction of key distinguished faculty Highlights of upcoming campus events Complimentary snacks and drinks Special edition t-shirt Chance of other campus swag
Hope to see youl
○ Can't wait to come! ○ Sorry, but I won't be able to make it





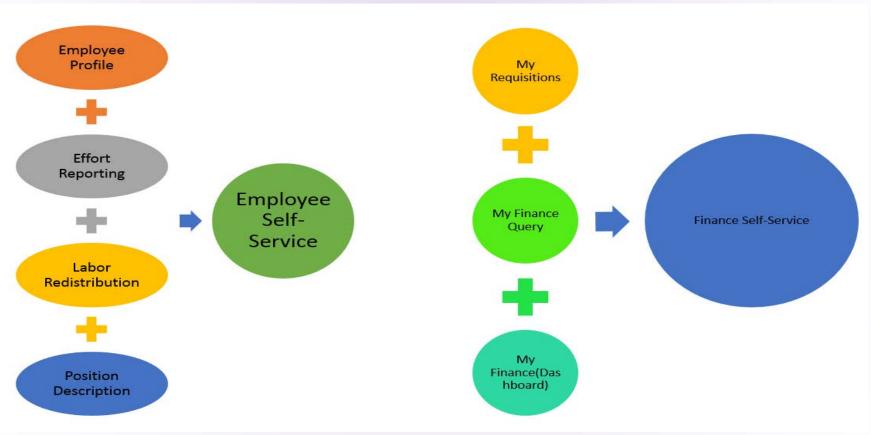
Banner 9 – Student Self-Service Applications







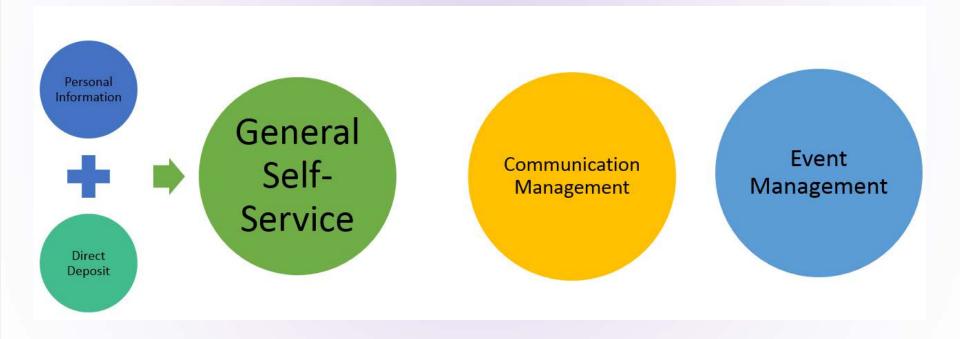
Banner 9 – HR& Finance Self-Service Applications







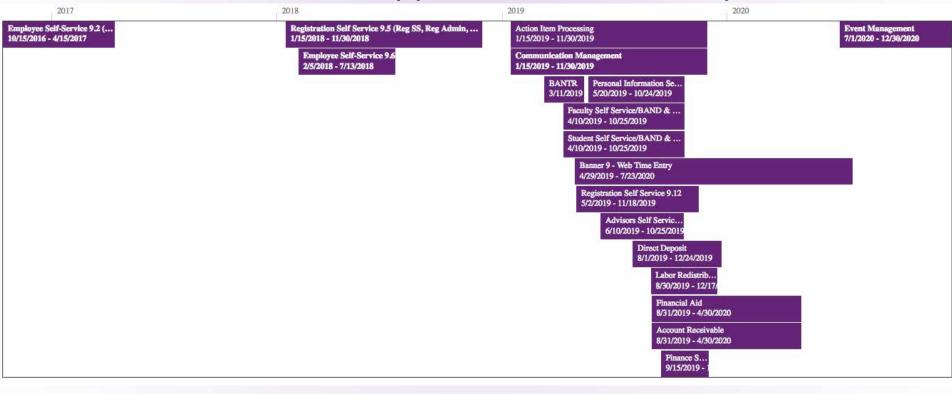
Banner 9 – General Self-Service Applications







Banner 9 Self-Service Applications - Road Map



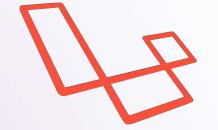




- We have a need for rapid development of web applications that connect to Banner.
- We have a need for recreating custom functionality found in the older Banner 8 forms.
- Our current development language (PLSQL) does not support modern day web applications.
- We need a development framework that is geared toward web applications that use Oracle databases.
- Several of our developers here at UNM have experience with the PHP language.
- PHP is also one of the most common programming languages. According to one survey, over 80% of all websites are powered by PHP.







- Laravel
 - We have chosen the Laravel Framework to develop web applications.
 - It is a contemporary MVC framework that uses the PHP language.
 - This framework can:
 - Be used to build REST APIs.
 - Be used to build web applications.



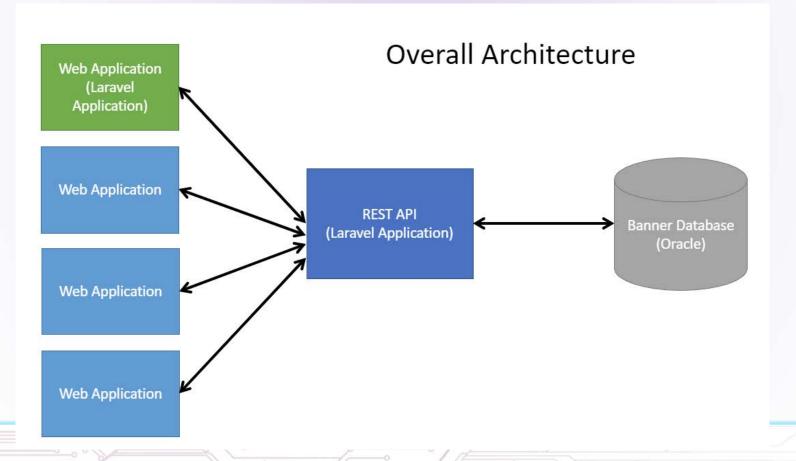


- What is a REST API?
 - REST is a way to deliver web services.
 - It uses the HTTP protocol.
 - Modern day web applications interact with REST APIs (and mobile applications use REST APIs).
 - Examples of public REST APIs:
 - https://api.spacexdata.com/v3/history
 - https://anapioficeandfire.com/api/books/1
 - JSON format





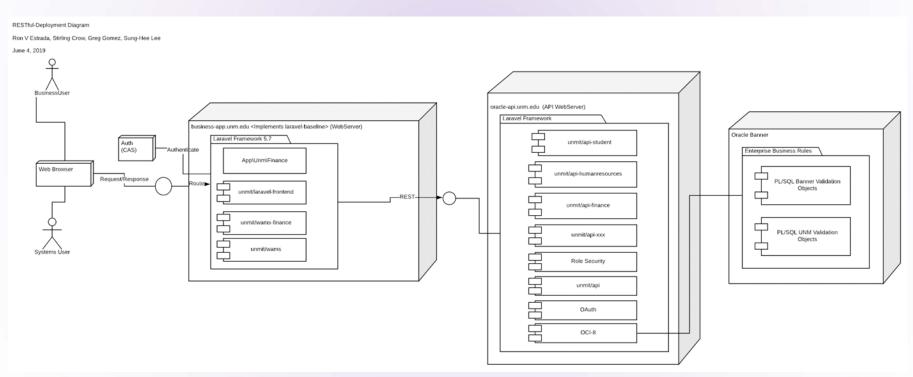
Architecture





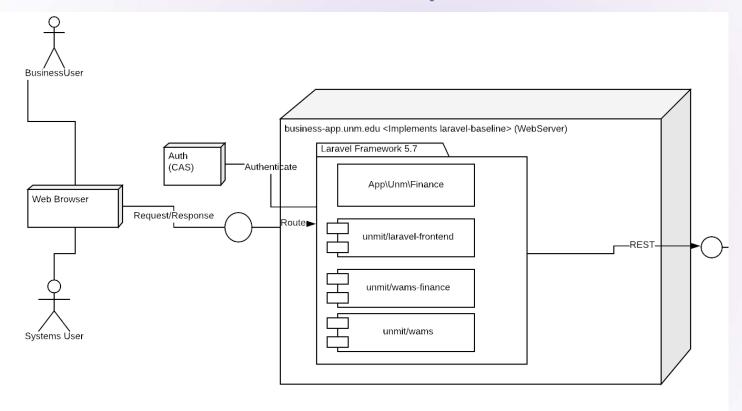


Architecture



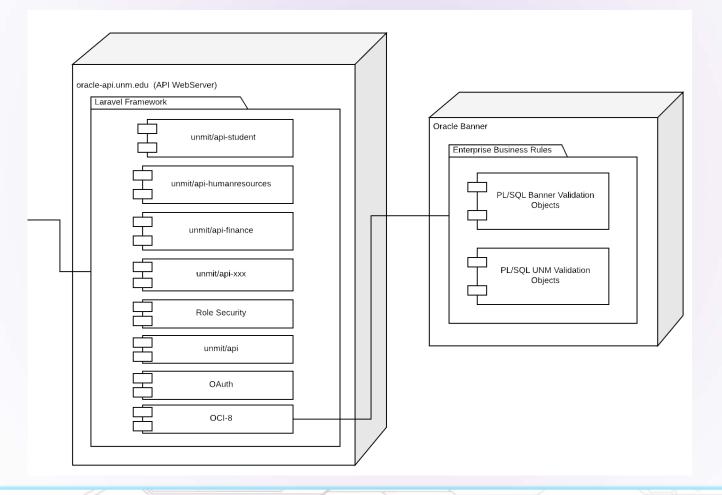








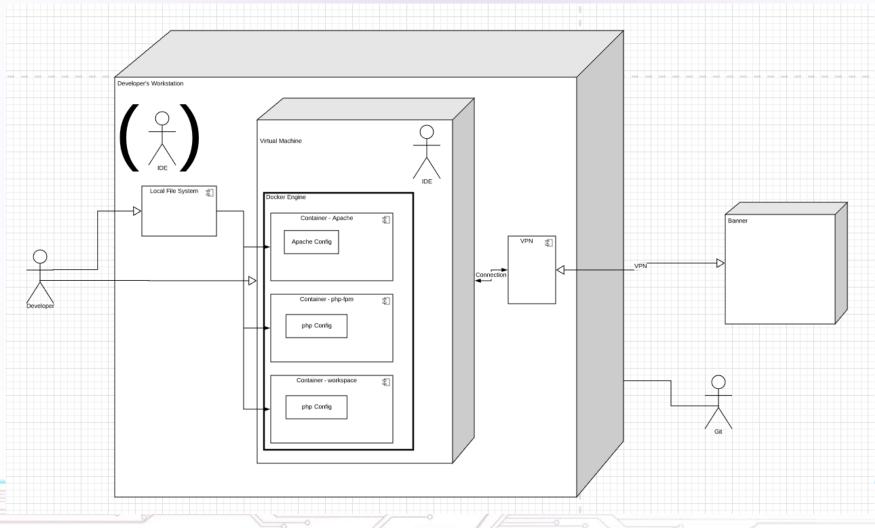








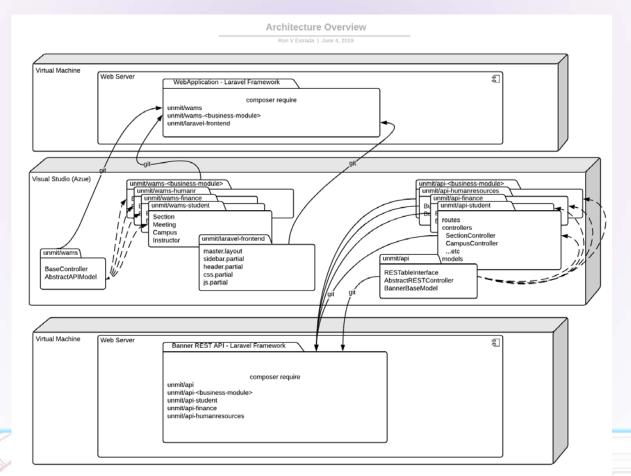
Developer Work Environment







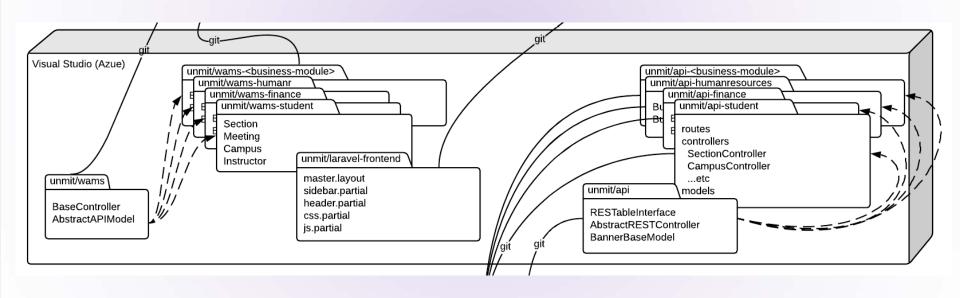
Architecture







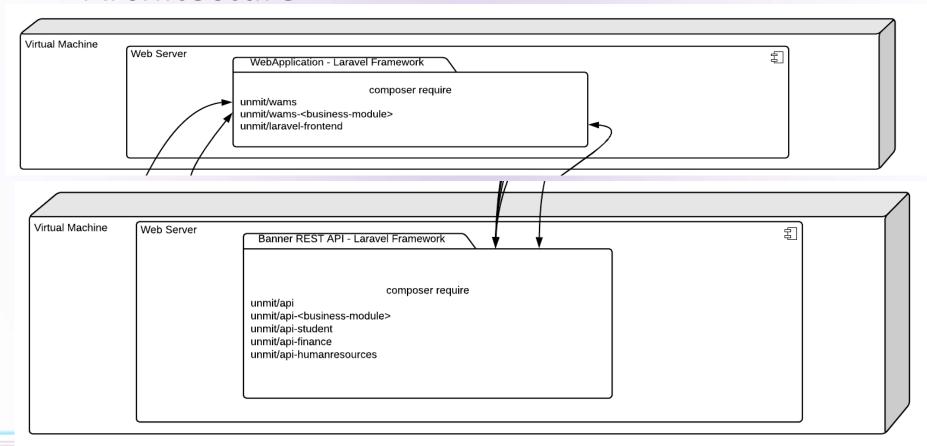
Architecture - GIT







Architecture



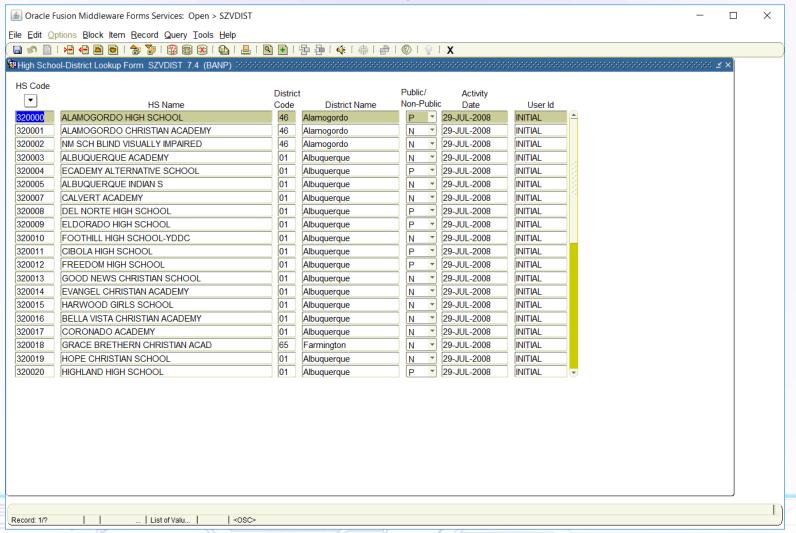




- Overview of Laravel Application with Banner Custom Forms Functionality
 - SZASECT
 - SZVDIST

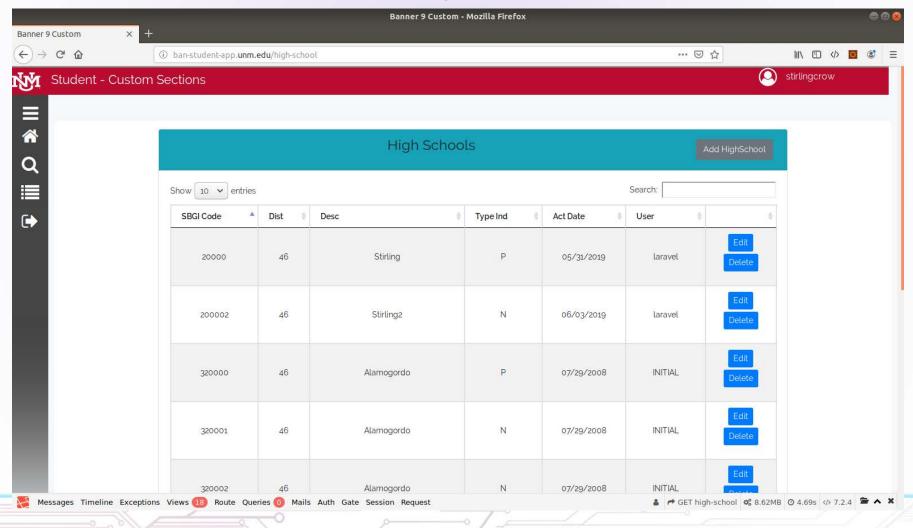






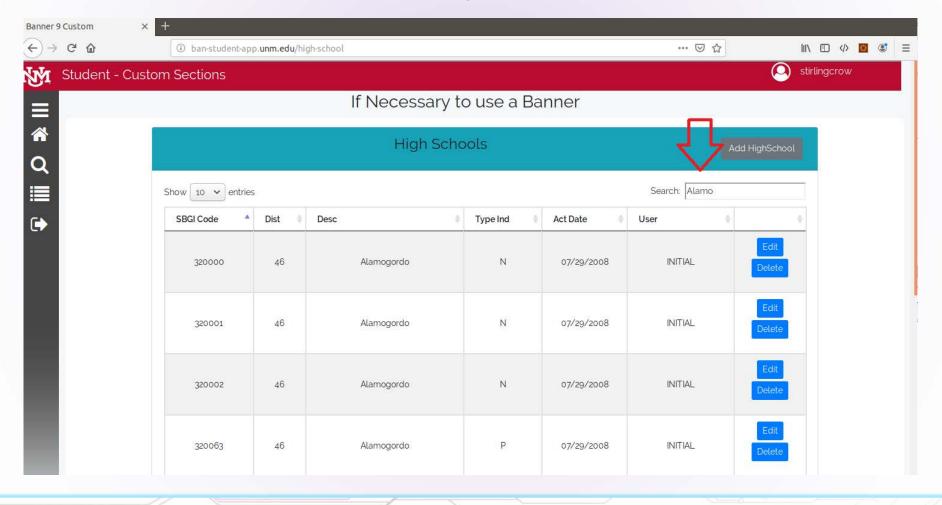






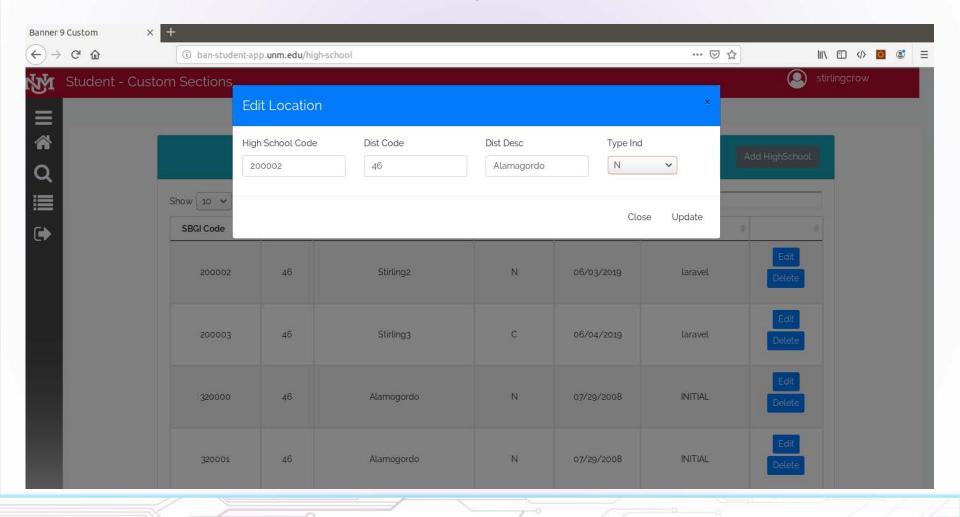
















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Section: 400 ▼		3.000		
Cross List:	Billing Hours:	1.000 None	® To ○ Or	4.000
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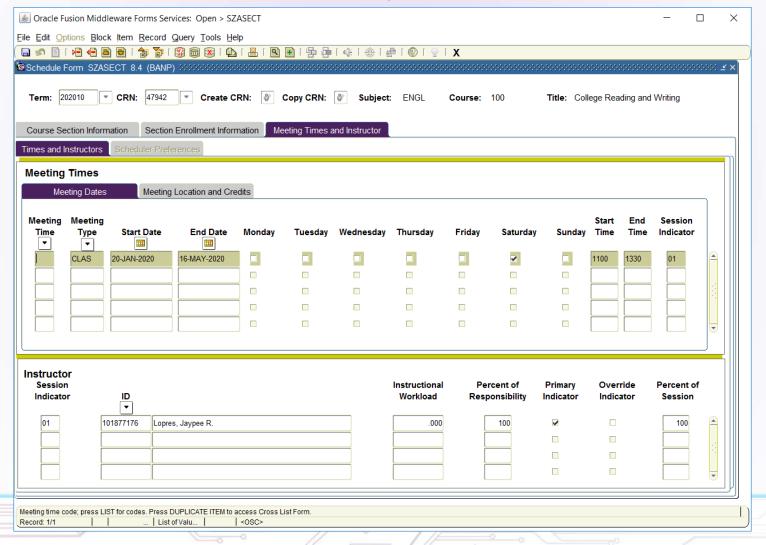




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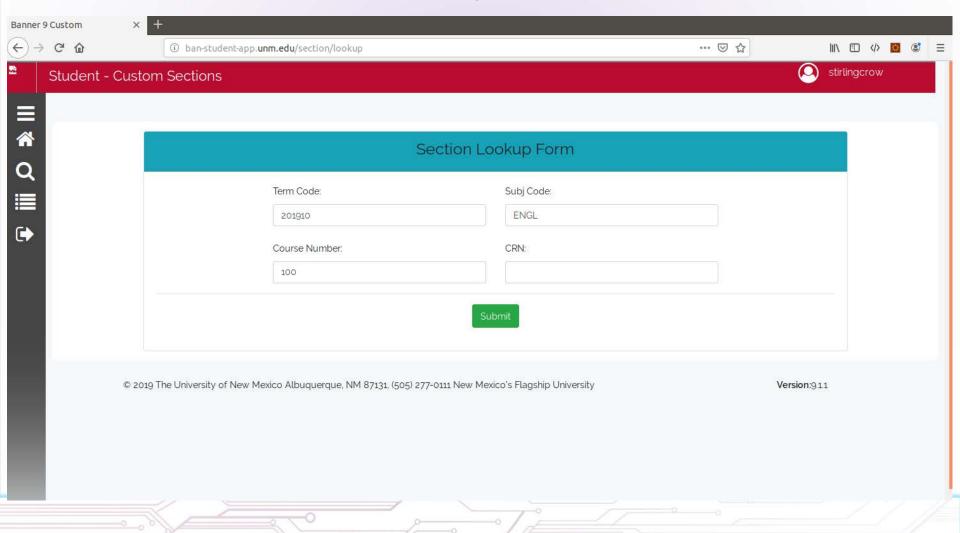






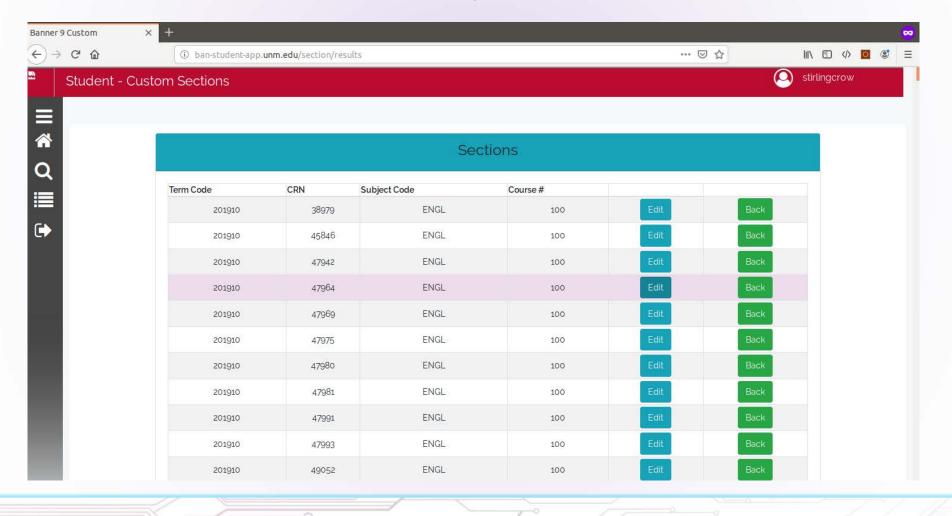
















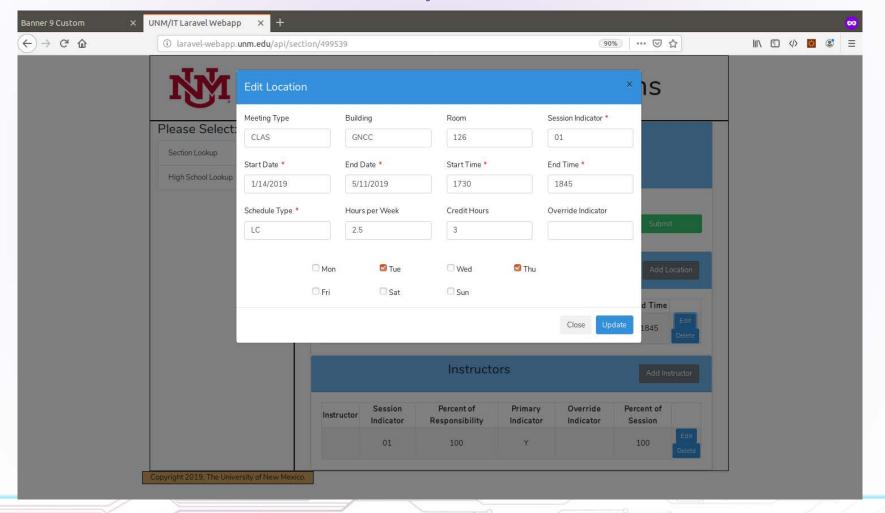


UNM IT Banner 9 Custom Forms

Please Select:				Sect	ion E	dit				
Section Lookup	Term Code: 201910									
High School Lookup				CRN	1: 479	64				
-	Campus:		Status Type:		Max Enrollment:					
	Gallup	-	А		2	3			Subm	it
	Meeting Locations						Add Location			
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Thank You

Questions?

For more information log to http://banner9.unm.edu