

PHASE 1

WEEK 1 DELIVERABLES

1. System Design

- a. Systems Administrator:
 - i. Role: Has access to everything in order to create users and populate data as needed
 - ii. Identifying Information: Admin ID, name, address, email address
 - iii. Relationships: Creates people's data in the system, Can access and edit anyone's data
 - iv. Actions: Creates users, adds user information, edits user information
- b. Graduate Secretary:
 - i. Role: Has complete access to current student's data but cannot create new users.
 - ii. Identifying Information: Faculty ID, name, address, email address, dept id?
 - iii. Relationships: Oversee students, override/change student grades
 - iv. Actions: Assign/Alter student grades, query the database for a student's transcript
- c. Faculty Instructors:
 - i. Role: They are associated with the class they teach as the instructor and assign grades to students taking that class.
 - ii. Identifying Information: Faculty ID, name, address, email address, class(es) taught
 - iii. Relationships: Teach students, Assign grades to students, Can't update grades for students - have to defer to Grad Secretary
 - iv. Actions: Assign grades, query the database for a student's transcript, Teach students

d. Graduate Students:

- i. Role: Can enroll in classes and view courses taken and associated grades. Can also update personal information
- ii. Identifying Information: University ID (UID), name, address, program type (Masters or PhD), login information
- iii. Relationships: Can be enrolled in courses taught by Faculty Instructors
- iv. Actions: Can add/drop a course, update personal information, view courses taken and info about the course such as: semester and year taken, final grade, credit hours

2. Web Functionality and Design

a. Login Page:

- i. Prompts for university ID and password
- ii. Users not yet created by the Systems Administrator cannot login or access university information

Farm Fresh
Course Registration System

LOGIN

b. Home Page:

- i. Students can click a button to view their transcript

- ii. Students can click a button to go to the registration page
- iii. Students can click a button to view their current schedule
- iv. Systems Administrator can select to create a new user (and add all of their identifying information)
- v. The Grad Secretary and Faculty Instructors can search for a student's transcript by student ID using the search bar
- vi. Search Results Page:
 - 1. Display results of the search which can be selected to view

Home

Account Info

STUDENT HOME PAGE

Schedule

Registrar

Transcript

Logout

Schedule

View your current course schedule

View Schedule

Registrar

Register for courses

Register

Transcript

View your current transcript

View Transcript

Account Info

View and edit account info

Go to Account Info

Home

Account Info

Manage

Faculty

Courses

Students

Logout

ADMIN HOME PAGE

Manage Users

Add/Delete/Manage users

Manage Users

Account Info

View and edit account info

Go to Account

Courses

View and filter course list

Go to Courses

Faculty

View and filter faculty list

Go to Faculty

Students

View and filter student list

Go to Students

Home

Search Transcript

Courses & Grades

Account Info

Logout

FACULTY HOME PAGE

Search Transcript

Search for a student's transcript by student ID

🔍 Enter Student ID

Courses

View courses you teach

View Courses

Courses & Grades

View your courses and enter student grades

Go to Courses & Grades

Account Info

View and edit account info

Go to Account Info

Search Student

View student information and transcripts

🔍 Enter Student ID

Courses & Grades

View courses and alter student grades

View Courses

Account Info

View and edit account info

Go to Account Info

c. Transcript Page:

- i. Students can only view
- ii. Faculty Instructors can enter a grade if that field is empty and they are the instructor for that class, after which they cannot change it
- iii. The Grad Secretary can update grades

Student View:

<Include common header of page>

Transcript for <STUDENT NAME>:

Semester	Course ID	Course Name	Credit Hours	Instructor	Final Grade

Faculty Instructor and GS view:


<Include common header of page>

Transcript for:

Student

Student 1

Student 2



Semester	Course ID	Course Name	Credit Hours	Instructor	Grade

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d. Registration Page:

- i. Displays all courses valid for the correct year and semester of current registration (view of course catalog and course schedule that applies to that semester)
- ii. Students can search for classes to take (only for the correct year and semester)
- iii. Students can add valid classes (allowed to take them, no conflicts, met all prerequisites)
- iv. Students can drop any classes they have added

<Include common header of page>

Current Courses:

Semester	Course ID	Course Name	Credit Hours	Instructor	
					[DROP] (BUTTON)
					[DROP] (BUTTON)

Add Course:

[SELECT SEMESTER >] (DROPDOWN)	[SEMESTER]	[ENTER COURSE NAME]	[ADD] (BUTTON)
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- e. Header:
 - i. Should contain information common to all pages
- b. Navigation Menu:
 - i. Systems Administrator:
 - 1. Button to add user
 - ii. Grad Secretary:
 - 1. Field to search for student transcript by student ID
 - iii. Faculty:
 - 1. Field to search for student transcript by student ID
 - iv. Student:
 - 1. Button to view their transcript
 - 2. Button to go to Schedule Page
 - a. On Schedule Page:
 - i. Field to search for schedule by year and semester
 - ii. Button to navigate to Registration Page
 - 3. Button to go to Registration Page
 - a. On Registration Page:
 - i. Field to search for valid courses by relevant information

3. Team Task Assignments

- a. Jacob: Login Page, Home Page(s)
- b. Jack: Transcript Page(s), Header, Navigation Menu(s)
- c. Zach: Registration Page, Schedule Page

4. Submit Clarification Questions

- a. Should we expect to have to expand our system to support more than 3 time slots for phase 2 or is that requirement final?
- b. Under the assumption there are multiple Grad Secretaries (GS), are they identified by department as there should only be one GS per department?