1. Administrative and Financial Web Portal project with UW College of Engineering
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6. Develop web application for COE Departments to manage, process and track administrative and financial requests such as purchases and reimbursements. The technique we use includes html, css, javascript, php, json, cloud servers such as AWS and some potential back end technique. The final deliverable is a web application for students to apply and track financial requests, for professors to approve and check the lab members' activity and for faculties to manage, track and process these requests.
7.

Milestone	Tasks
Milestone 1	1. Collecting Project requirements 2. Choosing frontend and backend technologies 3. Login Screen design a. Requesting access to UW login API b. Frontend design for login screen. c. Designing database structure to store user information (Subtasks a,b and c will be done in parallel) 4. Designing form submission dashboard. (For submitters like students or professors who has requirements of purchase or reimbursements) a. Frontend design b. Database design to store information (Subtasks a and b will be done in parallel)
Milestone 2	1. Designing dashboard for faculty staff to supervise requests from their students a. Frontend design b. Database design for store information (Subtasks a and b will be done in parallel) 2. Designing management dashboard for Financial staff to manage requests (i.e. accept/reject submitted requests) a. Frontend design b. Database design for store information

	(Subtasks a and b will be done in parallel)
Milestone 3	1. Unit testing (Testing each system components designed in milestone 1 and 2) 2. Integration between milestone 1 and 2 tasks along with integration testing to make sure everything works as intended as a complete system.
Milestone 4	1. Integrating with ARIBA system. a. Requesting access to ARIBA API for data transfer from our system to ARIBA system. b. Designing additional HTTPS routes if necessary to transfer data back and forth between ARIBA and our system. (Subtasks a and b will be done in series)
Milestone 5	1. Hosting frontend application (webpages) and database. a. Requesting server space and access to UW servers from UW IT services. b. Setting up server environment to run frontend and backend. c. Deploying frontend and backend. (Subtasks a,b and c will be done in series) 2. Performance testing to test end-to-end delay (system response time) is in acceptable range. 3. System testing to test very works as intended. 4. Acceptance testing with industry mentors to make sure our system meet their requirements.

Note 1: In addition, each milestone and subtask consist of weekly meeting with industrial mentor to make sure each development task meet their expectations and requirements along with weekly member meetings (Scrum meetings) to discuss the following points:

a. What each member has accomplished this week.
b. Discussion of problems they have faced during development.
c. Discussion of possible problems they could face during the following week's development cycle and potential solutions.
d. Tasks each developer going to complete by next weekly scrum meeting.
e. Integration of each developers work to GitHub master branch (i.e. merging with stable master branch).

Note 2: This is a temporary version, it might be changed after discussing with our faculty mentor (who has not been assigned yet).

8. NA
9. NA