

Milestone 2

Student Integrated Teaching Environment

Project management tool: Github

Name and Role:	Tasks
Israel Miles <ul style="list-style-type: none">• Integration• Back-end	<ul style="list-style-type: none">• Linking database to site• SQL, myCUInfo API
Max Wenzel <ul style="list-style-type: none">• Integration• Back-end	<ul style="list-style-type: none">• Building myCUInfo API integration• Web integration
Tanner O'Rourke <ul style="list-style-type: none">• Front-End development	<ul style="list-style-type: none">• Page designs• Build website front-end
Derek Tran <ul style="list-style-type: none">• Front-End development	<ul style="list-style-type: none">• Build website front-end
Katie Younglove <ul style="list-style-type: none">• Database design and development	<ul style="list-style-type: none">• Create and manage database• Web server
Ethan Ward <ul style="list-style-type: none">• Database design and development	<ul style="list-style-type: none">• Create and manage database• Web server

Requirements

Functional requirements are highlighted.

Database/Back-end

- Create database (**By Spring break**)
 - Tables of data for:
 - Accounts
 - Account type, username/password, name, enrolled classes
 - Classes
 - All enrolled students, TAs, professors
 - Office hour time/location (displayed w/ schedule)
 - List of last 100 forum entries
 - Resources added by professors
- Build account system (**by Spring break**)
 - Login through myCUInfo as student
 - Link to student homepage
 - If one of their classes isn't in database, add class to class list, add person to class
 - Login as professor/TA
 - Link to professor/TA homepage
 - Work with **front-end** for linking
- Build account creation page
 - Quick form for account info
 - Link back to login page
- Linking
 - As front-end builds features, link database to it

Front-end

- Build login page (**By spring break**)
 - Work with **back-end** to link to homepage, pass all account info to homepage
 - API for student accounts
 - Other login for professors
- Build basic student homepage
 - Define structure for features, add images
 - Divs for classes obtained from myCUInfo API
 - Contact us at bottom of page
- Build basic homepage for TAs/professors
 - Same forum as student page
 - Same TA schedule as student page
 - Edit times and locations
 - Ability to add resources to class page
- Build/find API for schedule
 - professor/TA page - ability to edit TA times
 - Color coding for present/absent
 - Times and location
 - ADD TO student and professor homepage

- Build resources div
 - professor/TA page - ability to add resources
 - Basic URL's (myCUInfo, Moodle)
 - List of URL's/files that professors have added
 - Add to student homepage
- Build student forum
 - Find API??
 - Text box for new comment, list of last 20 comments
 - Databasing last 100 comments
- Page styling
 - Add styling to all pages

Agile Methodology: Written Summary of Our Meetings

Stand-up Kanban:

We all began by stating what we have contributed to the Milestone 2 Google document shared to everyone. We all were able to list our strengths and desire roles, and then successfully being able to assign everyone a potential role to commit to (front end, back end, or integration). Before our next meeting, we plan to have some kind of picture representation of what our web page will look like. We also will have dabbled with the MyCuInfo.api we acquired to see how it works. Roadblocks as of now include important exams and assignments in the way along with people leaving for vacation but nothing too extreme.

Q & A:

1. What have we done so far?
 - a. We all declared our roles, and we have set up communication and our github page.
2. What do we accomplish by next meeting?
 - a. Web layout planned, API fixed and everyone on github.
3. What have been the roadblocks?
 - a. Being busy with other classes, and not understanding our roles completely.

Sprint Retrospective:

For the next sprint, we should all have a clearer idea of the tasks that we hope to accomplish. Additionally, we should all have something to present at the next scrum meeting. What went well during the sprint was we set up a channel of communication that works well for all the group members, a github repository and a project board on github to facilitate our sprints. What did not go as well in this sprint was not everyone was clear on the task they needed to accomplish, and therefore not much got done. We hope to improve this by clearly marking who is doing what in our next 3-week sprint.

Upcoming Three-week sprint: Tanner and Derek build login page create separate sign-up pages for professors and TA/CAs. Create pages for TA/CAs to input their availability. Create page that Shows the classes and the TA/CA availability for students on sign-in. Katie and Ethan build database to store

student classes and corresponding TA/CA Hours and locations. Store Israel and Max work with CU API to use with website and get student class schedule, and link the front end to the database system.

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4 Open ✓ 0 Closed Sort ▾		
Database Updated 2 minutes ago	Katie & Ethan	...
Integration Updated 2 minutes ago	Max & Israel	...
Front End Updated 6 minutes ago	Derek & Tanner	...
Back End Updated just now	Max & Israel	...

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Back End
Updated 42 seconds ago

[+ Add cards](#) [Fullscreen](#) [Menu](#)

4 To Do + ...

☒ Account Creation Page
Added by Israel-Miles

☒ Set up web server
Added by Israel-Miles

☒ Link Front End to Database
Added by Israel-Miles

☒ Fix MyCUInfo API
Added by Israel-Miles

0 In Progress + ...

0 Done + ...

+ Add column