

Milestone 5 Test Plan(UAT)
Section 015 Team 7
CSCI 3308

Team Members

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Project Name

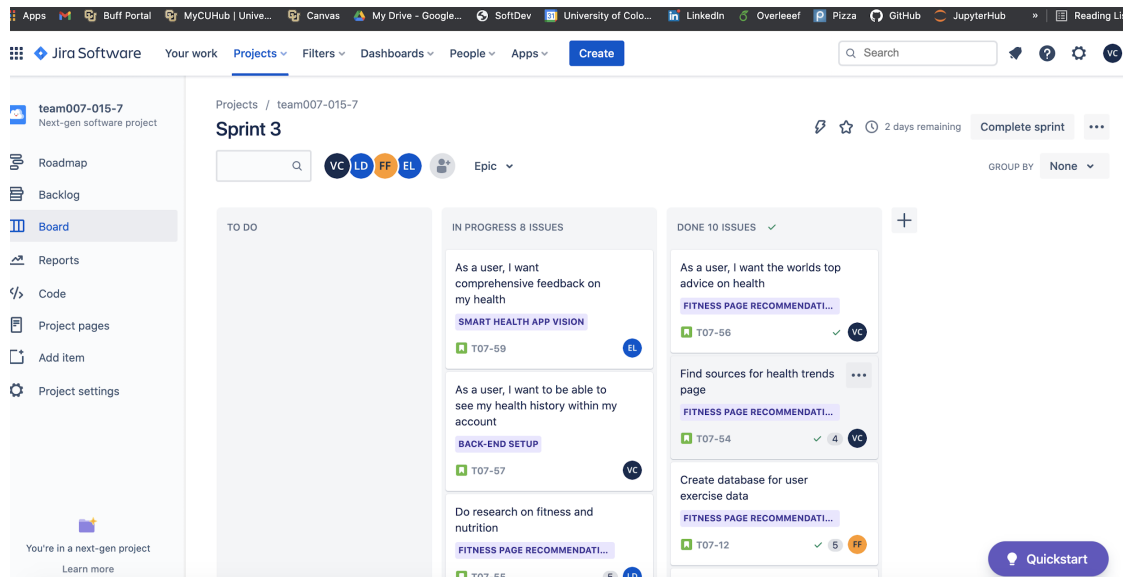
OptimizedHealth

User Acceptance Tests(3)

1. Register feature
 - a. User should be able to create an account with valid credentials
 - i. Unit test with Mocha: try registering with valid credentials and successfully add to database
 - ii. Mandatory fields:
 1. Username
 2. Email (needs to be not already registered)
 3. Password (at least 6 characters)
 4. Confirm password (match password)
 - iii. Information is stored in users table and user is prompted to log in
 - b. User should not be able to create an account with invalid credentials
 - i. Unit test with Mocha: try registering with invalid credentials and receive error message
 - ii. Mandatory fields: see above
 - iii. Registration page is refreshed and error message is displayed
2. Login feature
 - a. User should be able to log in with correct credentials
 - i. Logging in with correct credentials should be successful (redirect to user profile page)
 - ii. Email and password need to match with database
 - iii. Both fields need to be filled out
 - b. User should not be able to log in with incorrect credentials
 - i. Logging in with incorrect credentials should refresh the page and show an error message
 - ii. Email and password do not match with database or one or both fields are empty
3. Logout feature
 - a. User should be able to log out of their account (while logged in)
 - i. Try logging out and going to profile page (should be blank)
 - ii. Once user is logged out he/she must log in again in order to navigate the site
 - iii. Try logging in again (should be successful) and user will be redirected to their profile page.
4. Meal Plan Feature
 - a. User can enter meal preferences and be given a set of meals
 - i. User can enter diet type(vegan, vegetarian, paleo, keto..etc)
 - ii. User can enter calorie intake

- iii. User can exclude certain foods from their meals
 - b. User should not be given meals that do not match their preferences listed above
 - i. User will be returned a set of meals that are based only on his/her preferences
 - ii. User can see the macro nutrients of the meals that are returned from the API
 - iii. User can view the recipe of the meals that are returned from the API
- 5. User BMR
 - a. User should be to calculate his/her BMR on the nutrition calculator page and save their results
 - i. Mandatory Fields:
 - 1. Age
 - 2. Height
 - 3. Weight
 - ii. User can save BMR result which will render on profile page
 - iii. User can update BMR fields and this will be reflected in their profile
 - b. User cannot enter BMR if not logged in
 - i. If not logged in, user will be redirected to login page

Jira Board:



Projects / team007-015-7

Backlog

VC FF LD EL JJ Epic

▼ Sprint 4 (11 issues) 0 28 0 Start sprint

Finalize front end pages and link all necessary user information to database

T07-59	As a user, I want comprehensive feedback on my health	SMART HEALTH APP VISION	IN PROGRESS	EL
T07-57	As a user, I want to be able to see my health history within my account	BACK-END SETUP	IN PROGRESS	VC
T07-13	Link fitness database to fitness page	FITNESS PAGE RECOMMENDATI...	3 IN PROGRESS	FF
T07-47	Store user input from fitness page in DB	FITNESS PAGE RECOMMENDATI...	3 IN PROGRESS	FF
T07-15	Add meal plan information to database	BACK-END SETUP	8 IN PROGRESS	LD
T07-58	As a user, I want to understand how and why my sleep patterns are effecting my overall health	SMART HEALTH APP VISION	5 IN PROGRESS	EL
T07-63	pull from nutrition javascript files and store user results in the database		9 IN PROGRESS	LD
T07-67	Develop Unit Tests		IN PROGRESS	VC
T07-69	Develop Integration tests		IN PROGRESS	FF
T07-70	Prepare Final Presentation		IN PROGRESS	
T07-71	Connect to Heroku		IN PROGRESS	

Quickstart

Individual Contributions

- Vignesh
 - Registration page front end and back end, database configuration and connection, user login authentication via passport, profile page client and server sides, final meal database front end and API calls, quick search page front end and API calls ([latest commit](#))
- Leah
 - Nutrition pages, home page, html and javascript for nutrition calculators (BMR, total caloric intake, TDEE), initial meal page display, personalized nutrition page, nav bar ([latest commit](#))
- Finbar
 - Fitness page front end, back end, database connection, fitness log insertion queries, fitness log search/select queries. Assisted sleep page backend query. ([latest commit](#))
- Evie
 - About page, trending page front end and API call, EJS/partials setup, BMR calc post request, BMR database connection([latest commit](#))
- Jamal
 - Finished form for sleep page, set up calendar, front end. Database connections completed. [latest commit](#)