

1: As a developer, I want to prepare my development environment, so I can start work on the product.

LABELS

Sprint 1, Story

Story: Developer Environment

Everyone

Technical Story

LIST

Product Backlog

DESCRIPTION

Conversation:

We need to install required software for creation of a JSP/Servlet web app. These include: MySQL, Apache Tomcat, Eclipse (or equivalent), MySQL Connector J. It is important to make sure this stack is functional, so the example-JSP should be run on a local-server after creating a test database.

Confirmation:

A viable confirmation for each developer's environment would be the successful deployment of the example-JSP branch on our GitHub. This tests JSP/Servlets and a connection to a test MySQL database.

MEMBERS

13: As a developer, I need to design/create a database, so I can house users, tests, questions, and more in a dynamically retrievable way.

LABELS

Sprint 1, Story

Story: Database

Technical Story

LIST

Product Backlog

DESCRIPTION

Conversation:

We need to design and create our Database with a Table for our Admin, users, Tests, Test taken, Test questions, results, Allowed Users, Question, and Answers.

Confirmation:

We can confirm the database is working by populating the tables with testing data and using SQL queries to retrieve the data and insure data integrity, logical correctness, and functionality

DUE DATE

5: As an authorized user, I need to be able to login to access any and all functionality.

LABELS

Sprint 1, Story

Story: Login

LIST

Product Backlog

DESCRIPTION

Conversation:

We need to be able to login as an administrator and as a user, redirecting to the pertaining user view and not be able to access any other restricted user views.

Confirmation:

We can confirm this login process is working by attempting incorrect credentials, inactive users, and attempting to access pages that should be only accessible to a non-logged in user.

DUE DATE

March 21st

3: As administrator, I want to create a user login and send an email to that user with their login details, so they can login.

LABELS

Sprint 1, Story

Story: Create User

LIST

Product Backlog

DESCRIPTION

Conversation:

We need to be able to create users by setting their email, password, and status -- the user needs to be notified of their account creation.

Confirmation:

We can confirm the user creation is working by testing all CRUD functionality of user administration and using our emails as created users to see if we are notified of a account being created.

DUE DATE

March 21st

3: As an administrator I want to be able to edit and add questions and answers, so tests can be created.

LABELS

Sprint 2, Story

Story: Question Creation

LIST

Product Backlog

DESCRIPTION

Conversation:

We need CRUD access to questions, and answers in order to created tests.

Confirmation:

We can confirm this CRUD access by creating, reading, updating and deleting questions of every type in a testing setting.

DUE DATE

March 28th

COMMENTS

5: As an administrator, I want to see a listing of all the questions and answers, so tests can be created.

LABELS

Sprint 2, Story

Story: Admin View Questions

LIST

Product Backlog

DESCRIPTION

Conversation:

Questions should be easily view-able and CRUD accessible so tests can be created.

Confirmation:

We can test that question management has full functionality by creating, reading, updating and deleting questions.

DUE DATE

March 28th

COMMENTS

3: As an administrator, I want to be able to categorize questions for easy accessibility.

LABELS

Sprint 2, Story

Story: Question Categorization

LIST

Product Backlog

DESCRIPTION

Conversation:

Questions should be able to be categorized upon creation, and view-able in an ordered (categorized) way.

Confirmation:

We can confirm the categorization is working by using the question management page.

DUE DATE

March 28th

COMMENTS

8: As an administrator, I want to be able to create a test using already made questions, because users need to be able to take tests.

LABELS

Sprint 3, Story

Story: Test Creation

LIST

Product Backlog

DESCRIPTION

Conversation:

Tests should be made up of individual question objects

Confirmation:

We can confirm this by making a test through inserting questions into it

DUE DATE

April 4th

5: As an administrator, I want to see a listing of all the tests in the test bank with questions and answers.

LABELS

Sprint 3, Story

Story: Admin View Tests

LIST

Product Backlog

DESCRIPTION

Conversation:

Test along with there questions and answers should easily viewable by the admin.

Confirmation:

We can confirm this by creating a test bank page and listing all test with links to the questions in the test and their answers.

DUE DATE

April 4th

COMMENTS

5: As a user, I want to be able to take/select a test.

LABELS

Sprint 4, Story

Story: Take Test

LIST

Product Backlog

DESCRIPTION

Conversation:

Users should be able to choose a test to take and then begin taking it

Confirmation:

We can confirm this by posting a test link on the users web page and allowing them to select the test to take and then begin taking it

DUE DATE

April 11th

COMMENTS

NUMBER

2: As a user, I want to receive feed back after I submit the test with questions and answers.

LABELS

Sprint 4, Story

Story: User Feedback

LIST

Product Backlog

DESCRIPTION

Conversation:

Users should get their grade after submitting the test along with what the correct answers were

Confirmation:

We can conform this by taking a test and having the grade as well as the correct answers be displayed on the web page after the test is submitted

DUE DATE

April 11th

COMMENTS

3: As a user, I want to see a list of tests I have taken with results.

LABELS

Sprint 5, Story

Story: User Tests Taken/Results

LIST

Product Backlog

DESCRIPTION

Conversation:

There should be a list of test taken and the grade received on the test fro the user to see

Confirmation:

We can confirm this by making a tests taken table with the users test taken and the grade revived in it on the users home page.

DUE DATE

April 18th

COMMENTS

NUMBER

5: As an administrator, I want to see what test users have taken as well as their results on the test.

LABELS

Sprint 5, Story

Story: Admin Tests Taken/Results

LIST

Product Backlog

DESCRIPTION

Conversation:

there should be a way for the admin to view a students account and the tests they have taken as well as their score

Confirmation:

We can confirm this by making a page that allows an admin to view the test taken by the a certin user and the scores they have revived.

DUE DATE

April 18th

3: As an administrator, I want to be able to customize the header and footer of a test.

LABELS

Sprint 5, Story

Story: Customizable Header and Footer

LIST

Product Backlog

DESCRIPTION

Conversation:

there should be a set header and footer filed for when a test is created

Confirmation:

We can confirm this by creating tests with different headers and footers

DUE DATE

April 18th

COMMENTS

8: As and administrator, I want to be able to import a test with answers via a file, so tests can be created quickly.

LABELS

Sprint 6, Story

Story: Test/Question Importing

LIST

Product Backlog

DESCRIPTION

Conversation:

During test creation, there should be an option to add a test via file upload

Confirmation:

We can confirm this by creating a test via file upload and checking that it was added to the database as a test correctly along with the questions and the answers.

DUE DATE

April 25th

COMMENTS

5: As an administrator, I want to be able to control other accounts state, so authorized accounts can be marked active or inactive.

LABELS

Sprint 6, Story

Story: Account State

LIST

Product Backlog

DESCRIPTION

Conversation:

there should be a way for admins to change the state of users account

Confirmation:

We can confirm this by adding a feature to the view user page on the admin site that when selected, toggles the state of the users profile and then check that it changed with in the database correctly.

DUE DATE

April 25th

COMMENTS

21: As a developer I want to push the project to AWS, so we have a live version.

LABELS

Sprint 7, Story

Story: AWS

Technical Story

LIST

Product Backlog

DESCRIPTION

Conversation:

the project must be built into a deploy-able package for AWS

Confirmation:

We can confirm this by building the project using maven and then deploying to AWS and trying to access the server from a remote browser.

DUE DATE

May 2nd

COMMENTS

13: As a developer, I want to add the mySQL database previously created to AWS, so we can test the live version.

LABELS

Sprint 7, Story

Story: MySQL AWS

Technical Story

LIST

Product Backlog

DESCRIPTION

Conversation:

We need to deploy the mySQL database to AWS

Confirmation:

We can confirm this is working by running out websites functions that use SQL query's and ensure that the functions are functioning properly.

DUE DATE

May 2nd

COMMENTS

8: As a developer, I want to test the functionality of the entire app.

LABELS

Sprint 7, Story

Story: Maintenance

LIST

Product Backlog

DESCRIPTION

Conversation:

After deploying to AWS we need to test the app in its entirety.

Confirmation:

We can confirm the app is working entirely by testing each function of the app individually, through making a test as an admin, creating a new user account, assigning that test to the new user, having the new user take the test, and then checking the scores for the test of the user through the admin and later switching the users profile to inactive.

DUE DATE

May 2nd

1: As a developer, I need to conglomerate and finish documentation and deliverables.

LABELS

Sprint 7, Story

Story: Deliverables

LIST

Product Backlog

DESCRIPTION

Conversation:

The project should be clearly documented to provide the user with easy to understand knowledge on the design, development, testing, deploying, and maintenance for the app.

Confirmation:

We can confirm this is down when all of the points required in our documentation have been met and are clearly explained and documented.

DUE DATE

May 2nd