

Challenger λ

Product Backlog: User Stories v1.0
November 1st, 2017

Table of Contents

Version Log	2
User Stories	3
1st Priority (Base level)	3
2nd Priority (Account Level)	3
4rd Priority (Problem Set)	4
4th Priority (Course Level)	3
5th Priority (Feature Level)	4

Version Log

Version Number	Change Summary
v0.0	Initial Document Creation
v0.1	New user stories from Client
v1.0	<ul style="list-style-type: none">- Changed certain priorities around<ul style="list-style-type: none">• As a recommendation from TA- Refactored wording of all user stories<ul style="list-style-type: none">• To properly format user stories
v2.0	<ul style="list-style-type: none">- Added new user stories under 2nd Priority<ul style="list-style-type: none">• Student and instructor needs to separate features

User Stories

1st Priority (Base level)

Basic features of the application that are needed by the client.

As Jacques, a professor, I would like to generate different types of questions (multiple choice, fill in the blanks, etc.) and answer for them so that I can save them for later uses

As Olivia, a professor, I would like to view a list of all questions that I have made

As Jacques, a professor, I would like to review and edit questions that I have already created, so that I can revise errors

2nd Priority (Account Level)

Features of the application involved with setting up accounts for professors and students. This level includes features that the student will need to enroll in courses and complete problem sets.

As Jacques, a professor, I would like to create an administration profile with information like email, username, and password

As Marco, a student, I would like to create an account with information like email, username, and password

As Marco, a student, I would like to save the answers I have made for a quiz before submitting it

As Richard, a student, I would like to edit my answers that I have saved

As Marco, I want to log in and do quizzes

As Jacques, I want to log in and create questions/ quizzes

3rd Priority (Problem Set Level)

Features of the application involved with creating sets of problems from the questions.

As Jacques, a professor, I would like to create my own problem sets and solutions from a list of questions

As Olivia, a professor, I would like to edit my own problem sets and solutions

As Olivia, a professor, I would like to set release and due dates for problem sets

As Olivia, a professor, I would like to grade the problem sets

As Marco, a student, I would like to view my problem set results

As Marco, a student, I would like to submit the problem set for marking

As Richard, a student, I would like to see the problem sets for the courses I'm in

As Marco, a student, I would like to check the due date and review the past questions and history easily.

4th Priority (Course Level)

Features of the application involved with setting up a course to house the problem sets.

As Olivia, a professor, I would like to create and remove courses

As Jacques, a professor, I would like to be able to add and remove problem sets from courses

As Jacques, a professor, I would like to have an automatic grading feature

As Olivia, a professor, I would like to add and remove students from courses

5th Priority (Feature Level)

Additional features that are not necessary but improve the application.

Client Requested Features

Sohee would like an option to set the margin of error for calculation questions

The main thing Sohee wants is a good editor for the questions

Sohee wants to also look at the last attempt for each student

As Marco, a student, I would like to receive even more bonus marks (than initially stated) for doing additional questions

As Marco, a student, I would like my answers saved if the app crashes or I exit the app (Save on every action)

As Marco, a student, I would like some visual feedback letting me know my answers are being recorded

As Marco, a student, I would prefer if the questions are only in multiple choice format and not short answer or long answer

As Richard, a student, I prefer the platform to be visually appealing

As Marco, a student, I prefer if the questions are spaced properly and has a legible font, too much text on the screen or small fonts would discourage me to answer the questions

As Marco, a student, I would like a way to review my answers to all the questions at the end

As Olivia, a professor, I would like to provide immediate feedback to students for trying the problem set

As Richard, a student, I would like to get more detail by clicking on the quiz and seeing which questions he answered right/wrong

As Marco, a student, I would like to be able to see each quiz immediately and start them with the click of a button

As Richard, a student, I want to work on assignments at least 2 weeks in advance, so that I can stay ahead of his workload

As Richard, a student, I want information about each assignment before I start it, including textbook references, example questions, etc.

As Richard, a student, I would like to easily access previous tests, so that I can study for exams

As Jacques, a professor, I would like a FAQ to clearly explain the basic functions of the application

As Olivia, a professor, I want to have each problem set to be unique (i.e. same problem set with different values)

As Jacques, a professor, I would like to have course analytics (problem set stats, student stats)

As Richard, a student, I wants to have a feature to have unlimited trials until due date

As Jacques, a professor, I would like to provide a timer for each problem set

As Marco, a student, I would like to compare my own results to the class results

As Richard, a student, I would like to communicate to my instructor if any additional help is needed

As Marco, a student, I would like to give anonymous feedback about the problem set

As Olivia, a professor, I would like to view anonymous feedback from students

As Olivia, a professor, I would like to post the answer after the due date for students to view and review

As Jacques, a professor, I want to include the use of math symbols in the software