

Title: CS Brain Training

Vision: To provide a training tool for current programmers to build on their foundation skills and to stimulate interest in the field for beginners in an accessible way.

Who: Casey Moher-Crook, Nicholas Nocella, Jonathan Song, Anthony Osmany, Roberto Kingsley

List of Requirements:

Req. ID	Requirements Description	Size (Hours)	Priority
BR.01	As a software developer, I want to be able to include ads in the UI so that I can make money.	2	Low
BR.02	As a software developer, I want to be able to track the overall demographic information of the app's users so that I can better know what adjustments to make to suit the needs of our users.	8	Medium

Req. ID	Requirements Description	Size (Hours)	Priority
FR.01	As a developer, I want to easily store and retrieve the progress and scores of the user so he or she receive feedback.	3	Medium
FR.02	As a developer, I want to be able to	5	Critical

	register new users to the application with a simple “Sign-up” interface so that I will be able to provide each user with his or her own unique ID to record and track his or her progress.		
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Req. ID	Requirements Description	Size (Hours)	Priority
NFR.01	As a user, I want the app to open up with my saved data already loaded so I don't have to wait again when I view my results.	4	Low
NFR.02	As a user, I want the app to be light on battery consumption and to not consume battery when not in use so that it is low maintenance.	3	Medium
NFR.03	As a question-writer, I want a simple multiple-choice question editor so I can easily add new questions and edit old ones.	4	Medium
NFR.04	As a developer, I want the application to be compatible for use in all Android phones so that I can broaden the market for the application.	8	High

Req. ID	Requirements Description	Size (Hours)	Priority
UR.01	As a user, I want to be able to access the app without having to login every time so I don't have to make multiple accounts or worry about retrieving my password.	8	Critical
UR.02	As a user, I want to be able to access and track my progress so that I can see how well I've done so far.	5	Medium
UR.03	As a costumer, I want at least ten varied problems/questions so I feel like the app fulfills its purpose.	8	High
UR.04	As a customer, I want to be able to access past and new problems so I can review more efficiently.	3	Medium

Methodology: Agile

Project Tracking Software: Trello

Link to project tracking software: <https://trello.com/b/d1DckXm7/csci-brain-training>

Business Requirements

As a software developer, I want to be able to track the overall demographic information of the app's users so that I can better know what adjustments to make to suit the needs of our users.

As a software developer, I want to be able to include ads in the UI so that I can make money.

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Functional Requirements

As a developer, I want to easily store and retrieve the progress and scores of the user so he or she receive feedback.

As a developer, I want to be able to register new users to the application with a simple "Sign-up" interface so that I will be able to provide each user with his or her own unique ID to record and track his or her progress.

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Non-Functional Requirements

As a developer, I want the application to be compatible for use in all Android phones so that I can broaden the market for the application.

As a user, I want the app to be light on battery consumption and to not consume battery when not in use so that it is low maintenance.

As a question-writer, I want a simple multiple-choice question editor so I can easily add new questions and edit old ones.

As a user, I want the app to open up with my saved data already loaded so I don't have to wait again when I view my results.

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User Requirements

As a user, I want to be able to access the app without having to login every time so I don't have to make multiple accounts or worry about retrieving my password.

As a user, I want to be able to access and track my progress so that I can see how well I've done so far.

As a costumer, I want at least ten varied problems/questions so I feel like the app fulfills its purpose.

As a customer, I want to be able to access past and new problems so I can review more efficiently.

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