20 Questions

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Methodology

Agile

- Tracks progress for each individual component of the project

Functional Requirements

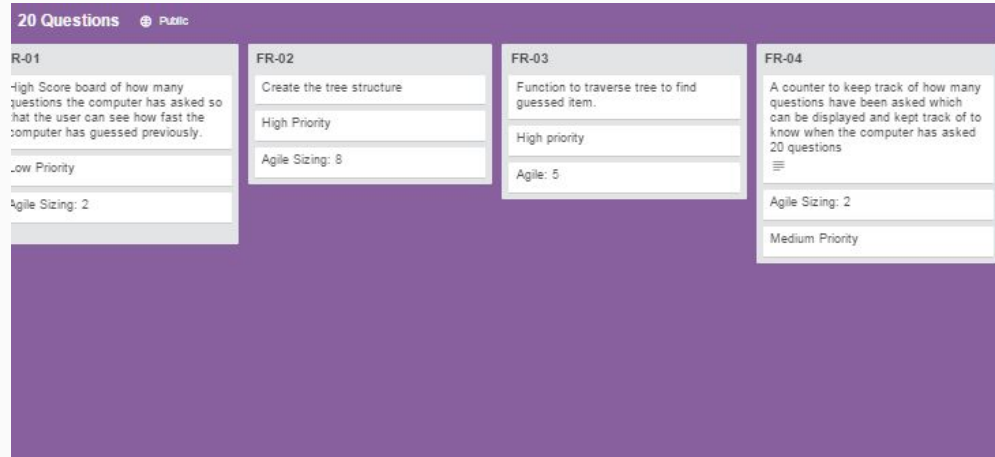| ID	Description	Agile Sizing	Priority
FR-01	High Score board of how many questions the computer has asked so that the user can see how fast the computer has guessed previously.	2	Low
FR-02	Tree database to store all available answers	13	high
FR-03	Traversal function so that we can navigate the tree to a guessed item.	5	high
FR-04	A counter to keep track of how many questions have been asked. The counter would be displayed as well as kept to know when 20 questions have been asked.	2	medium

Non-Functional Requirements

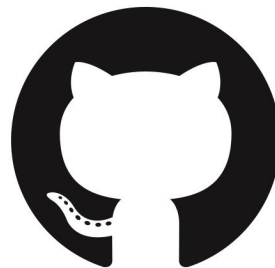| ID	Description	Agile Sizing	Priority
NF-01	Optimize and or balance data tree so that the traversal is as efficient as possible.	3	low
NF-02	Have the ability to safely add a new item to the tree so that we can add a large number of guessable items.	8	medium
NF-03	Create a list of a large number of guess		

Project Tracking Software

Trello

- Stores user Agile stories

Version Control Software

Github

- Primary source control for program code

Challenges

- Dividing the workload
  - Assigned each developer Agile user stories
- Ensuring proper source control
  - Used github to manage changes to code
- Maintaining communication
  - Every other week meetings

Demo