

## Phil Swift's Amazing Doors

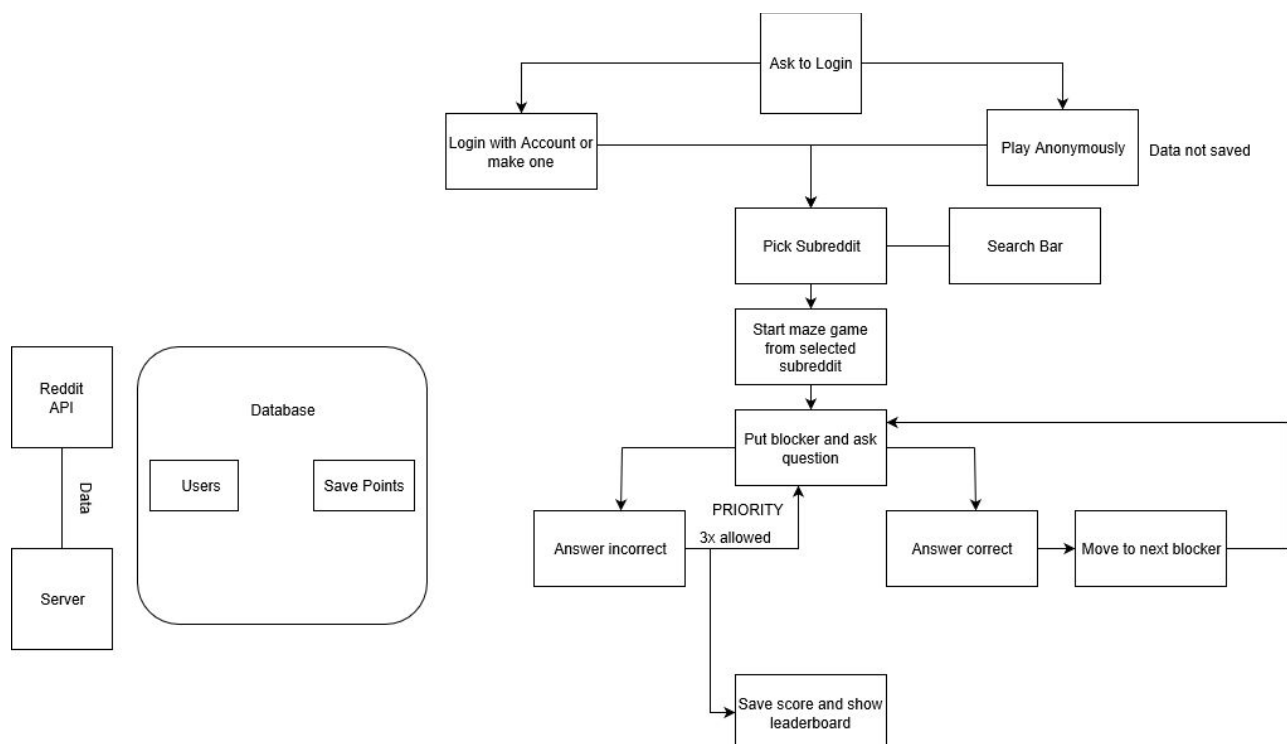
### **Summary:**

Reddit quiz/maze game - Utilize the reddit api to obtain statistics on subreddits to create questions that a player would answer. Players would have the option to pick whichever subreddit. These questions would be put in a sort of maze as blockers where the player would have to answer said question to advance. The maze would be updated via javascript and we would have save states for the game utilizing a database. This would entail accounts for the saving but you'd be able to play anonymously as well. Also these blockers could have different minigames using the reddit api. For example, a game where you try to get from one subreddit to another via the shortest amount of redirects possible.

Some documentation on reddit data collection

[https://www.reddit.com/r/TheoryOfReddit/wiki/collecting\\_data](https://www.reddit.com/r/TheoryOfReddit/wiki/collecting_data)

### **Component Map:**



### **Component Map Summary:**

#### Bootstrap:

Our team has decided to go with Bootstrap for our front end Framework as we all have experience with both Foundation and Bootstrap but would like to use Bootstrap for convenience purposes.

#### Maze:

1. The maze will be randomly generated
2. Blockers will also randomly populate it

#### Blockers:

1. They block your progress in the maze
2. To get rid of it you must pass a minigame assigned to the blocker randomly i.e. a question
3. Completing them will add to your score so avoiding them isn't necessarily ideal

#### Leaderboard:

1. Anonymous people can put stuff in here
2. Saved to the db

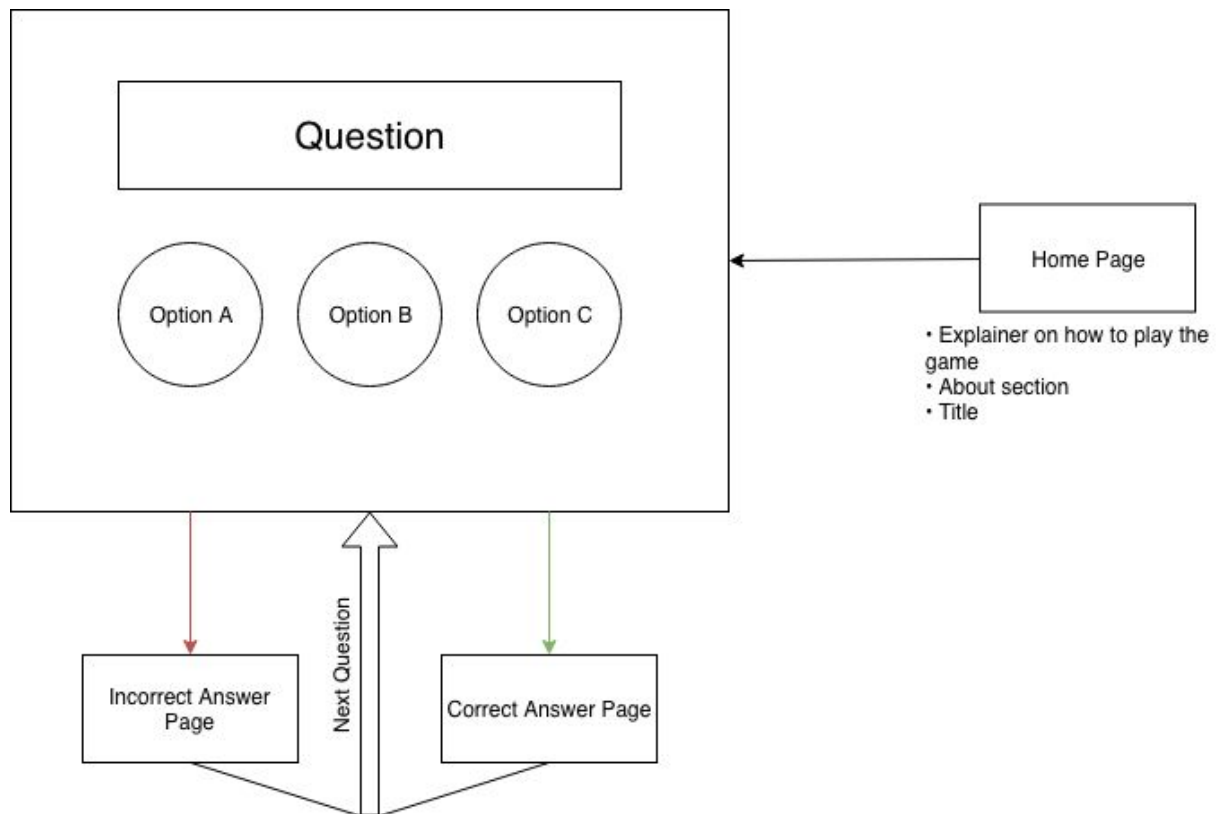
#### Priority:

1. Your amount of tries on a blocker
2. If you use them all up you fail and your score gets put on the leaderboard

#### Reddit Api:

1. Will be used for obtaining data on a subreddit user has inputted
2. Questions for the quiz blocker will be formulated from information gathered from here.

### Site Map:



### Database:

Username	Password

subreddit	minigame	questions	Username

### DB Schema Summary:

Users table:

1. For login purposes
2. Also will have a unique id

Maze table:

1. Subreddit you chose to base your minigames on
2. Maze data
3. user

Questions table:

1. Set of questions that can be chosen from at random

## **Task Assignments**

Peter -  
Project Manager  
A bit of Backend  
Ahnaf -  
Javascript/frontend  
Shafali -  
Frontend  
Daniel -  
Backend

### **Specific Tasks**

#### **For 1/10/19**

Daniel - get working login mechanism along with DB  
Ahnaf - Set up basic landing page along with login page  
Shafali/Peter - Spice up design doc

#### **For 1/11/19**

Daniel - Get maze generation working  
Shafali/Ahnaf - Create a display for a maze using a dummy  
Peter - get random question generation working / obtaining info from the reddit api

#### **For 1/12/19**

Group - merge the pieces together to get at least 1 minigame working and work out a second minigame if possible  
.... More tasks will be added as they arise