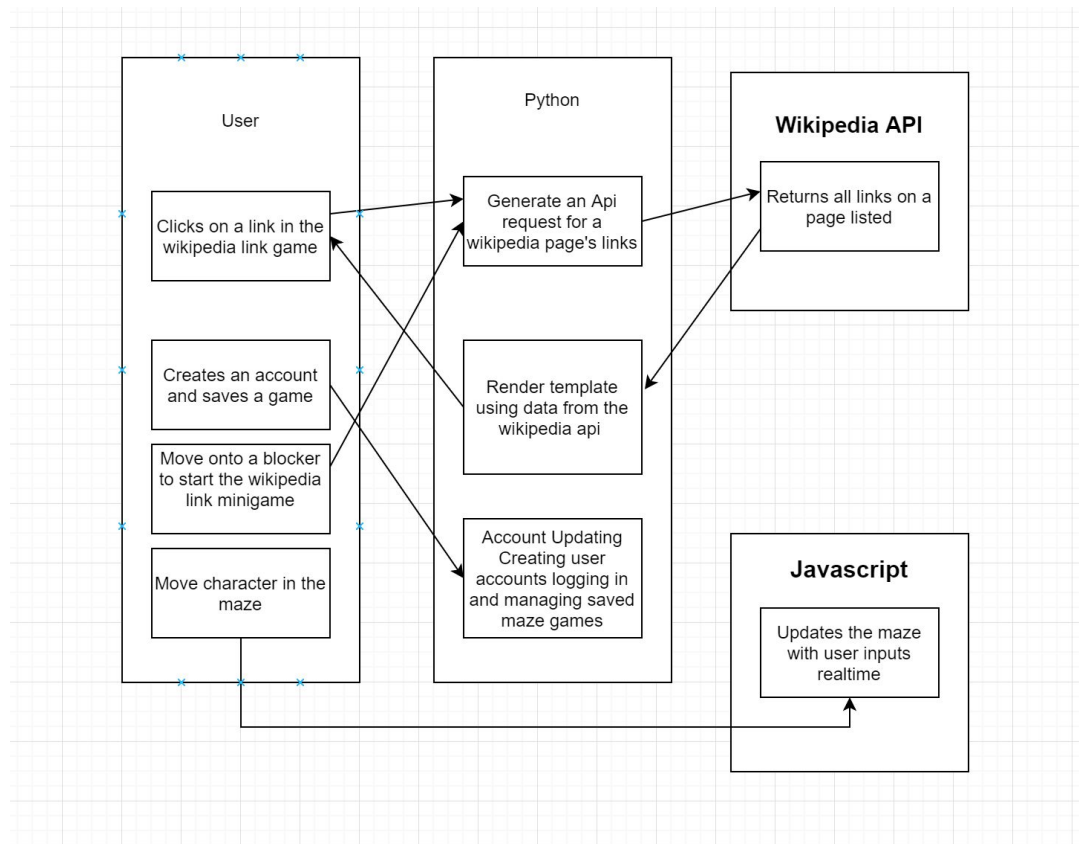


Phil Swift's Amazing Doors

Summary:

maze game with a wikipedia link minigame - Utilize the wikipedia api to create a link redirect minigame. Players would start on a random wikipedia page then attempt to get to another in as few redirects as possible. This minigame would be a part of a maze as blockers where the player would have to clear them 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.

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. wikipedia link minigame

Leaderboard:

1. Saved to the db

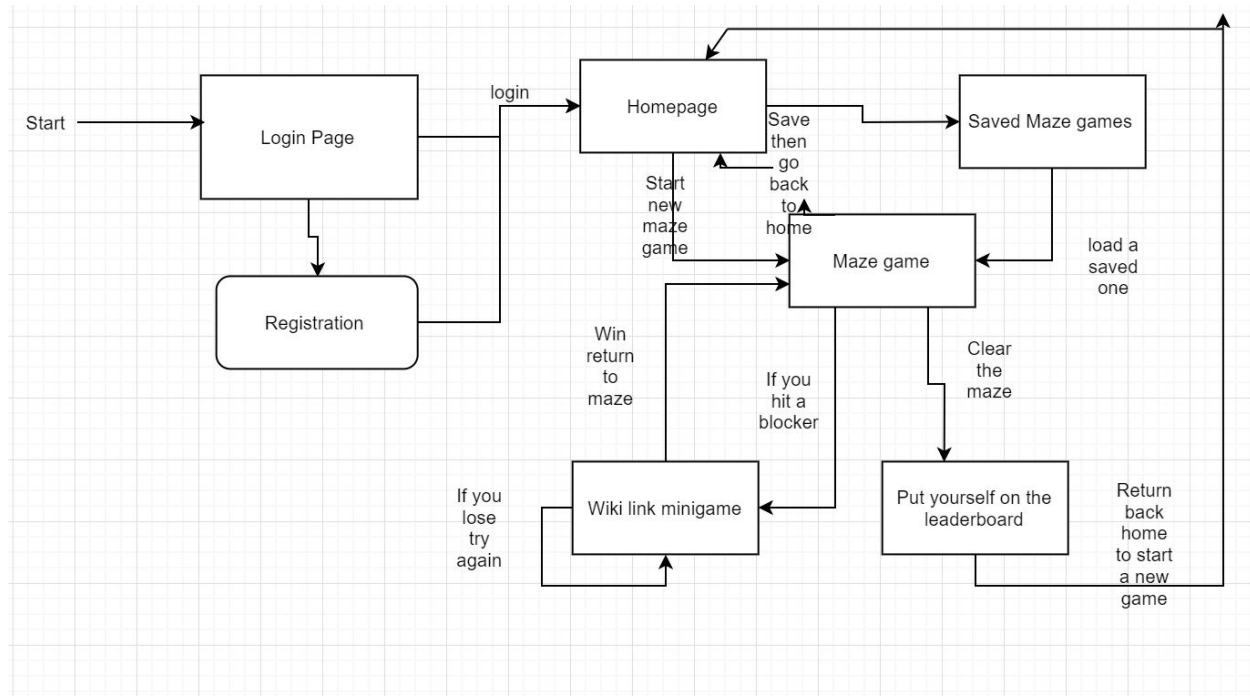
Priority:

1. Your amount of tries on a blocker
- 2.

Wikipedia Api:

1. Will be used for obtaining data on a random wiki page to start
2. Game will require you to go from one wikipedia page to another within 10 redirects

Site Map:



Sitemap Explanation:

1. You must login to play so create an account or login
2. On the homepage you can start a new game or access a saved game
3. While playing the maze you may encounter a blocker
4. When you do you will have to clear the wikipedia link minigame
5. If you fail you have to try again
6. Otherwise you go back to the maze

7. When you find the exit you can put yourself on the leaderboard
8. Then go back to the homepage

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