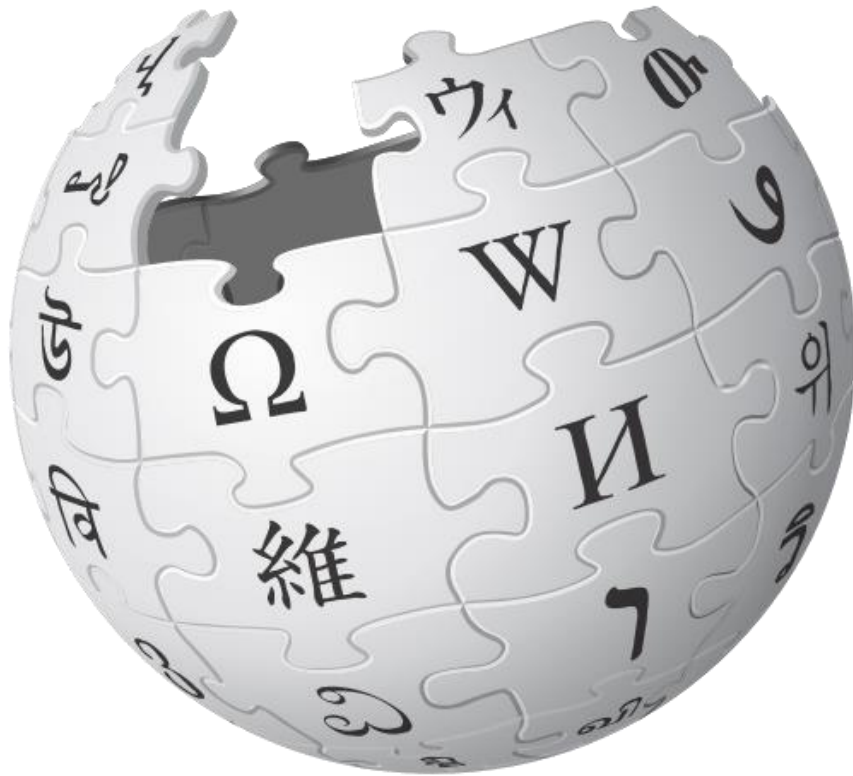


Six Degrees of Wikipedia



TEAM B

Cameron Shanks	1008864s
Paul Hall	1104636h
Richard Knox	1101997k
Michael Georgiev	2075521g

OVERVIEW

mi:3

Six degrees of separation is an idea that all things are related within six or fewer steps.

- e.g. Pizza >> Flatbread >> Somalia >> Korea

Tip: Start with the online game

Game Overview ✓

- The player is given a random source article.
- Must reach a specified random destination article.
- The goal is to do this using the smallest amount of connections
- Players are scored globally based on their performance vs. the optimal number of connections

Selling Points ✓

- An informal/urban legend type game made into a proper online gaming experience!
- Streamlined procrastination!
- Competition – compare your performance and obscure knowledge with the world!

USER PERSONAS - Chris

Serial procrastinator ✓

Background
Wishes

- Failing philosophy student, loves wasting time on the internet
- Often randomly looks up random Wikipedia articles
- Would like some more structure to his procrastination
- Loves playing time wasting internet games

Nice! Simple and objective!

USER PERSONAS - Jo

Keen pub quiz enthusiast M:2

Background?

- Always on the lookout for trivia
- Watches Pointless/Eggheads/University Challenge regularly
- Always testing their knowledge against friends & family
- Would like to expand their pool of competition!

This user:

- No clear needs
- Not sure what the user wants to do in your app

REQUIREMENTS

Must Have

- User can log in and register for an account.
- Users can be assigned a randomly selected node source and destination.
- Users are scored on the path they take.
- Users can select different article nodes to traverse the network.
- Users can play a single player game.

Should Have

- Users can see the ideal "route" between articles.
- Users can see a leaderboard of high scores and other player game statistics
- Users can view their game history.

Could Have

- User can see a visual network representation of their path.
- Users can be assigned a predefined "mission" to complete.

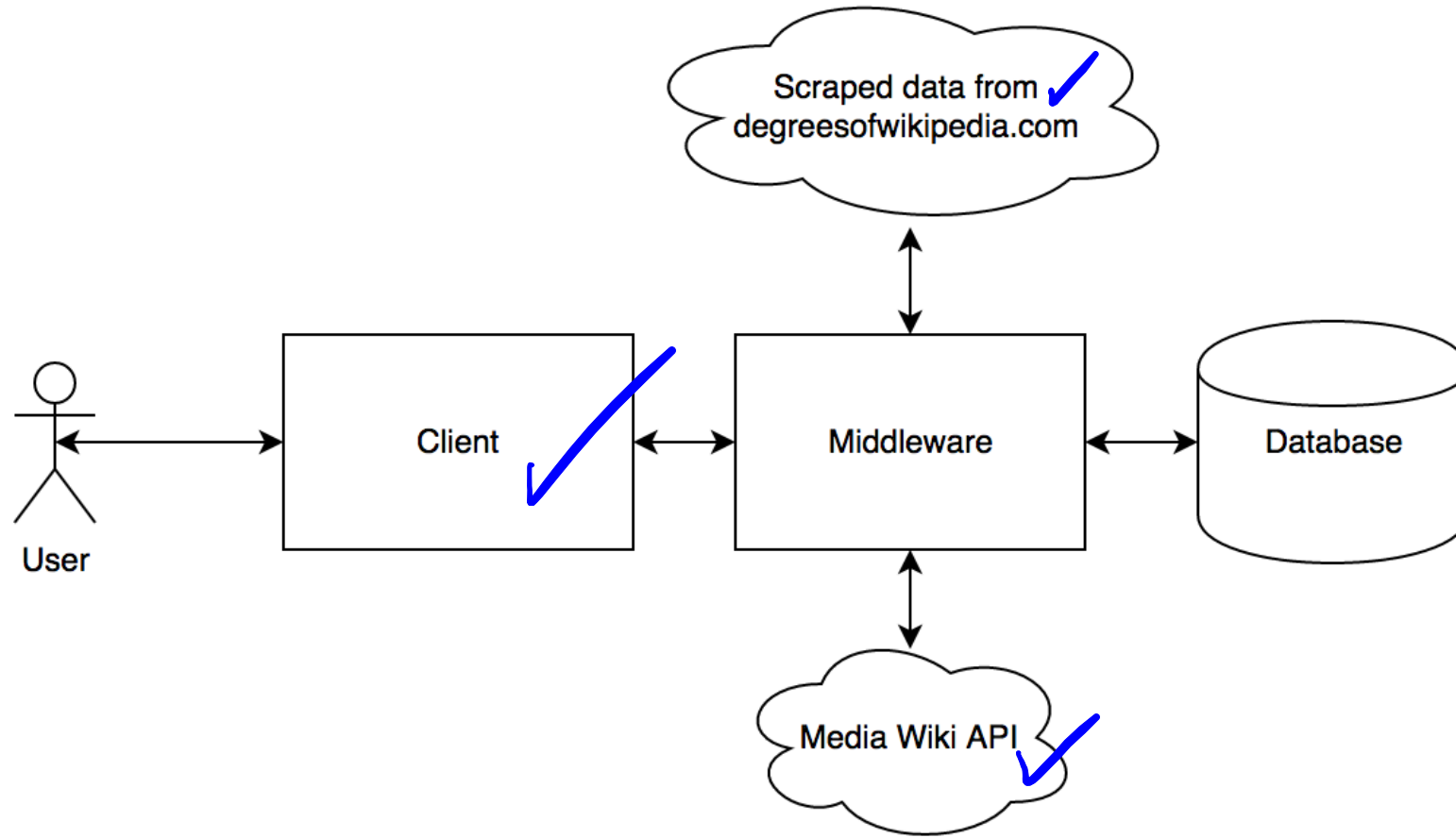
Would Like to Have

- Users can join a multiplayer game against other users.

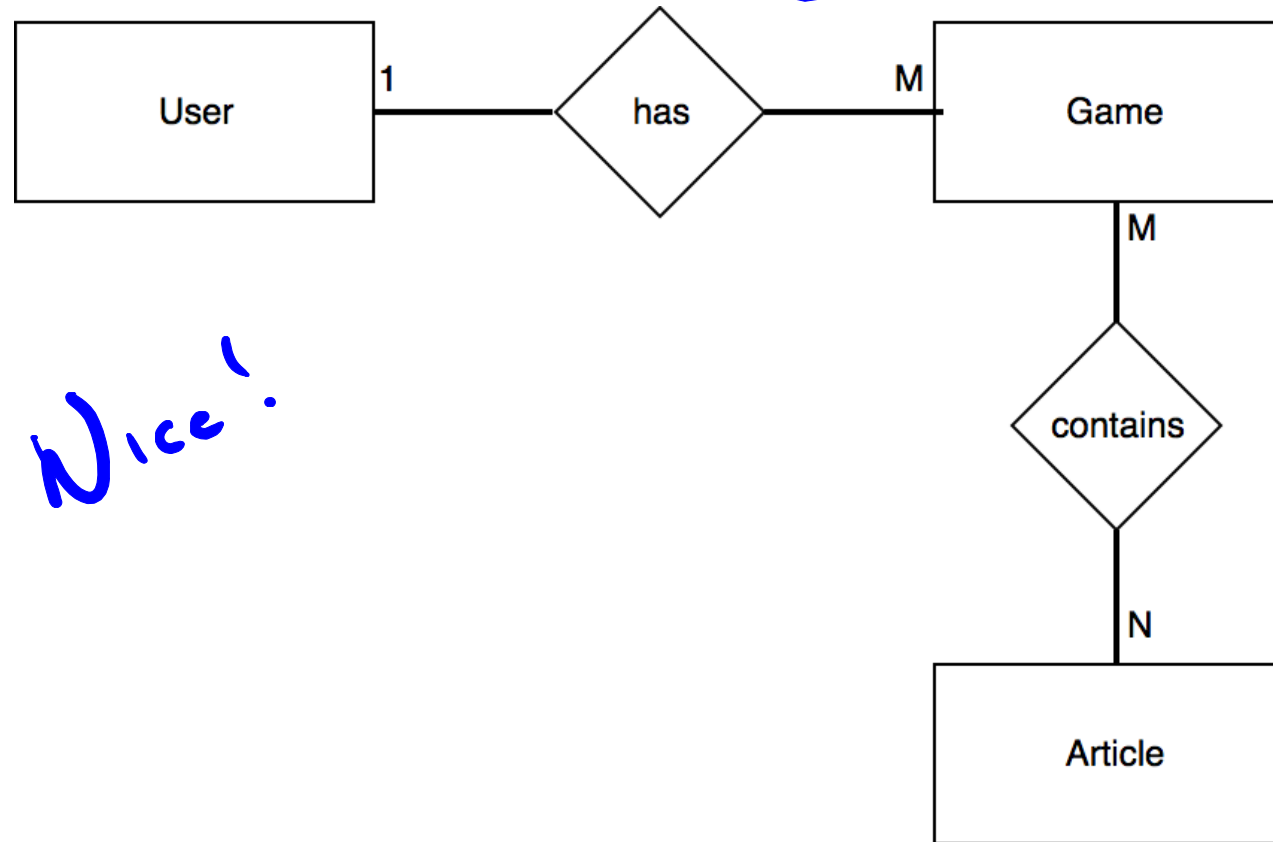
m:3

would like to see this at the final so

SYSTEM ARCHITECTURE



E.R. DIAGRAM



M:3

Nice!

ATTRIBUTES

Game

Field	Type
user_id	Int
source	int
destination	int
number_of_links	int

network topology/networkx
shortest_path

Python
library

User

Field	Type
username	char
password	char

Score | Float

Article

Field	Type
name	char

WIREFRAMES

Six Degrees

http://sixdegrees.com

Six Degrees

[Dashboard](#) | [Rules](#) | [Scores](#)

Already Registered?

Login

Username

Password

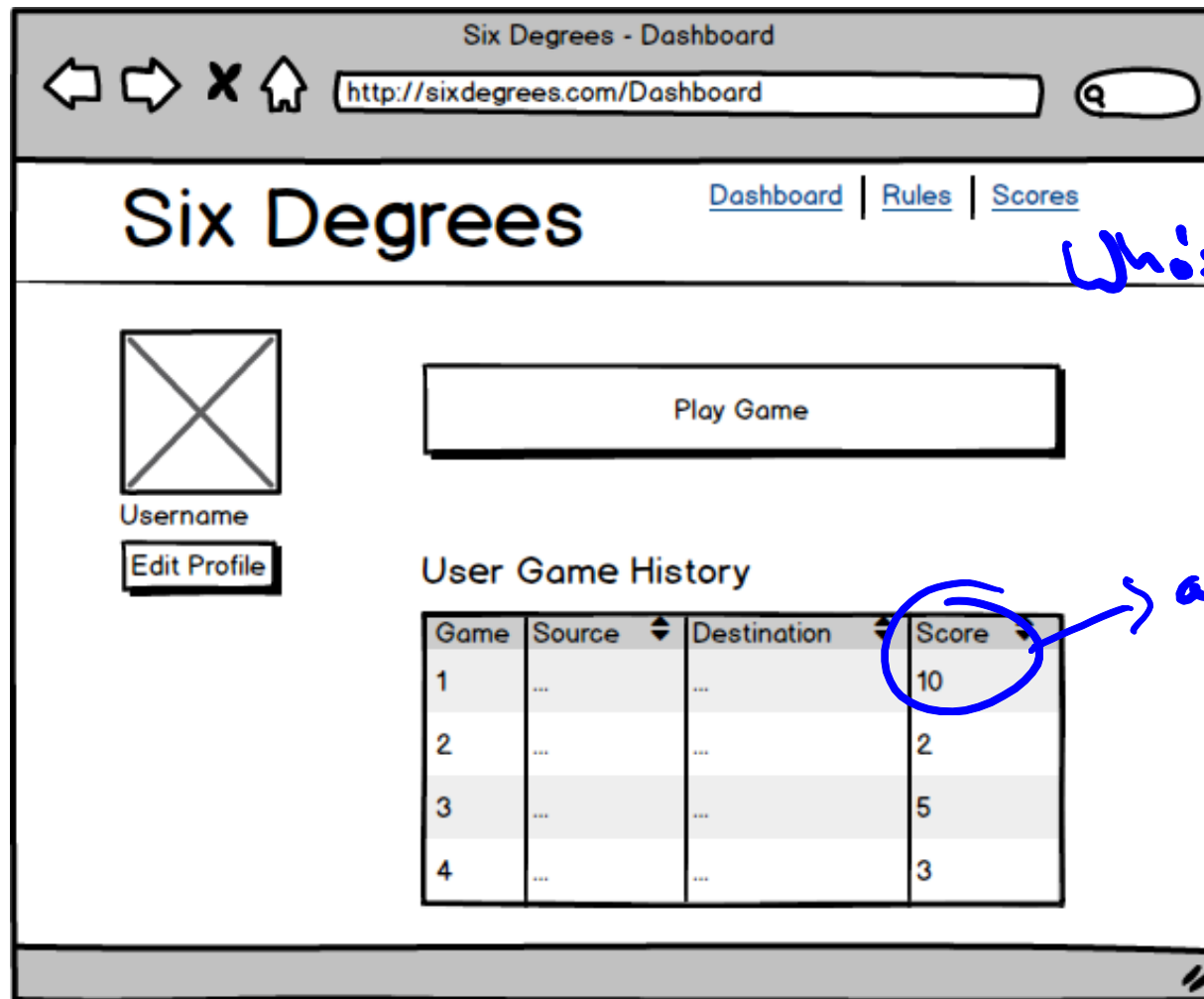
[Forgot your password?](#)

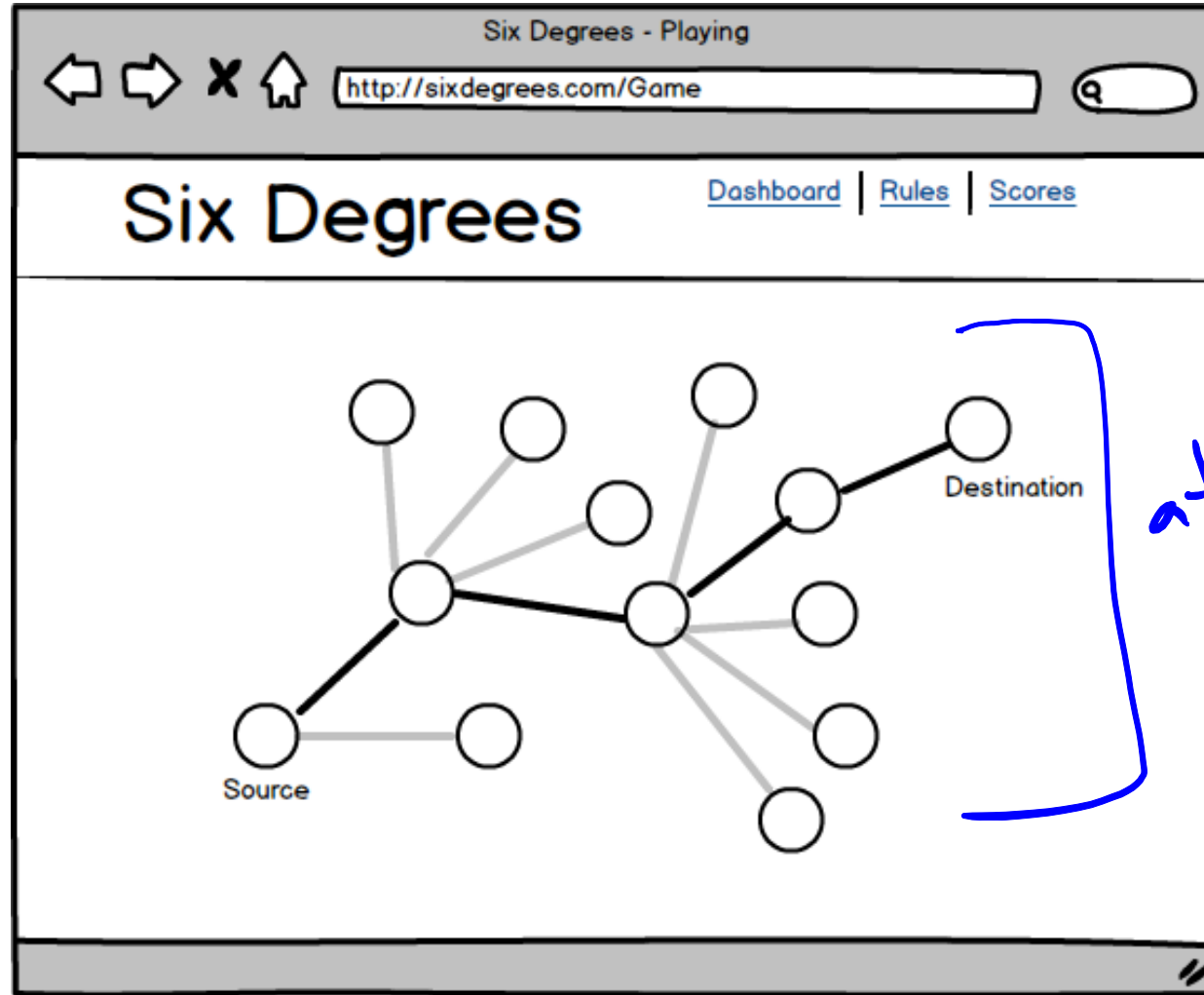
Not Registered?

Register an account

Email

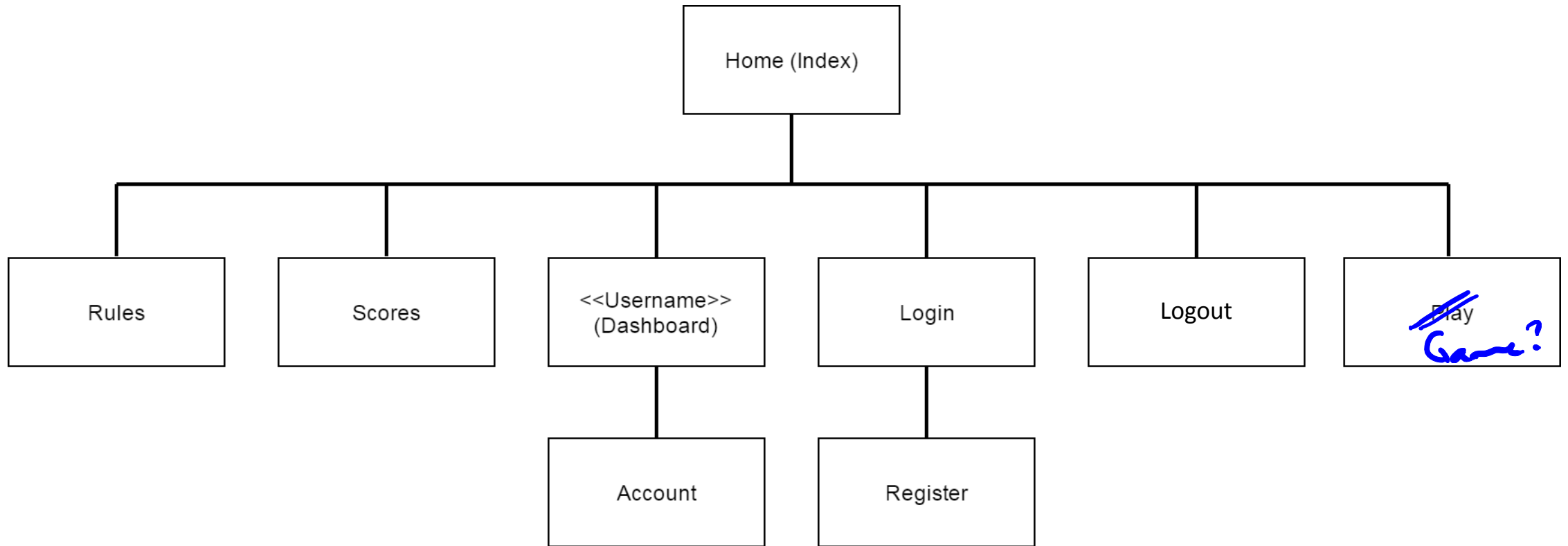
M:3





SITE MAP

M:2



SITE URLs

/home

/rules

/scores

/<<username>>

- /<<username>>/account

/logout

/login

- /login/register

~~/play~~ *game*