**FEATURES**

**Homepage**

🡪 Login page *(optional functionality:* continue as Guest User)

* + Link to database
  + Use PRG method to retrieve and send user information
  + Post-method form with login fields
  + REDIRECT to game page if valid

🡪 Register page (accessed by button on login form)

* + Link to database
  + Use PRG method to retrieve and send user information
  + Post-method form with registration fields
  + REDIRECT to game page if valid
  + *Optional functionality:* email upon registration to confirm information

**Game**

🡪 *Optional functionality:* JS pop-up with rules of game?

🡪 Game…

Features:

* + ‘High scores’ top right - Display user’s high score
  + *Optional functionality:* notification when high score set e.g. congrats message.

🡪 Game-over screen

* Option to: play again / see high scores / exit / logout

**High Scores Page**

🡪 High scores

* Link to database (high score table – JOIN to user table ON user id)
* Ordered list of scores and respective usernames.
* *Optional functionality:* Ordered list of top 10(?) users (display username and score)

**USER PROFILES**

1. “I am **Jock** and I live in Melbourne, Australia. I am 14 years old. I am a student at a local school, in year 9. I come from a nice, generic, nuclear family. I am looking for a game that will entertain me in class while I am bored, and that I can play in my free time for fun. The reason why I would like to go to their website is because mystery game is fun and doesn’t take too long – I can play a few times and not worry about losing a whole afternoon of gaming when the teacher walks past and I have to exit. I am most likely to check this website on my school laptop, and I play very regularly (most days).”
2. “I am **Dianna** and I live in Brighton, England. I am 64 years old. I am a retired nurse, and I live with my husband Hubert who is a surgeon. I am looking for simple game that I can play to keep my mind active. I know that puzzles are good brain-teasers, and I like to play Mystery Game because it is entertaining and good for puzzle-based brain training at the same time. I usually visit this website once or twice a week.”
3. “I am **Timothy** and I live in Bangkok, Thailand. I am 23 years old and I game regularly. I live with my friends in an apartment in the city, and I work full time at a foreign employment agency. I play a lot of online games with friends from back home in the USA, and I am looking for new games all the time. I am mostly interested in logic games(?) and I like Mystery Game because it is very easily consumable. I prefer more complex gaming, but Mystery Game is good for those moments when I don’t have much time. I visit this website sporadically – sometimes every day for a week, and sometimes not for a few months.

**PRIORITIES**

**MUST HAVE**

* Maze generator
* Moving piece
* Defined possible pathway (separation of black and white sections of maze for example)
* Entry point and end point
* End point 🡪 trigger new level, refresh maze generation

**SHOULD HAVE**

* Login page
* User profiles
* Levels
* Color stream to paint maze pathway
* Disappearing sections

**NICE TO HAVE**

* Stored game progress – e.g. can send specific maze to friend
* High scores page
* Extra game features – Zeynep ☺