

Beabadoobie Trivia Maze

David Hoang, Faith Capito

BE BOUNDLESS

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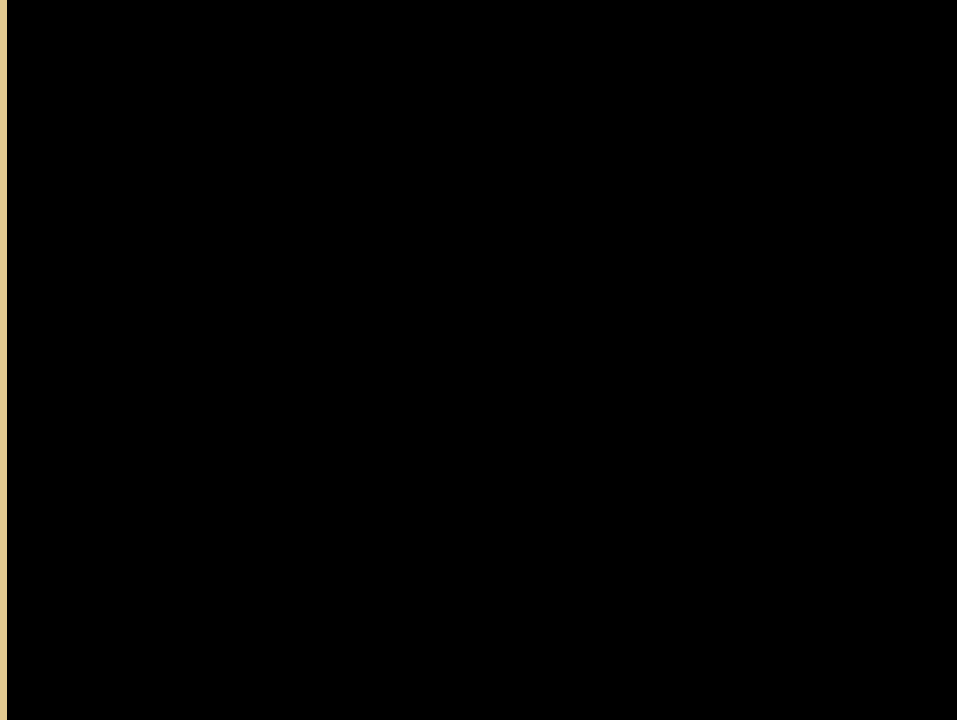
About me: David Hoang

- Class standing: Junior, age : 21
- Ethnicity: Vietnamese
- From: Tacoma
- Hobbies: Raving, Going to the gym, photography.
- Some Artists I like: Beabadoobee, Wave To Earth, Joji, Daniel Caesar, Cigarettes After Sex, Frank Ocean, and Mac DeMarco.



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Something I'm Proud Of:



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About Me: Faith Capito

- 23 years old, Junior for CS
- South Puget Sound Community College
 - University of Washington Bothell
 - University of Washington Tacoma
- Hobbies: Multimedia Artist, Dog Training, Reading
- Artists I enjoy: Lamp, Kali Uchis, Gorillaz, \$uicideboy\$



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About Me

Happy mom of a Doberman Pinscher named Bruce!

Silly little guy that I have been training for 5 years (he's a scorpio). Worst personal protection dog ever.

We enjoy walking trails and beaches!



OUR PROJECT



Beabadoobie Trivia Maze is a game revolving around your knowledge of the Indie Rock Artist, Beadbadoobie. It includes a simple, 2D graphical user interface and a fun little character that will travel with you as you traverse through the maze.

To pass through the doors, you will be met with different types of questions: Multiple choice, short answer, and true or false.

GAMEPLAY

The goal is to find your way to the end of the maze through a series of locked doors that can only be passed when a question is answered correctly. If incorrect, the door permanently locks. Answered doors are traversable for alternate routes. If all routes are locked off from the exit, you lose!



FEATURES

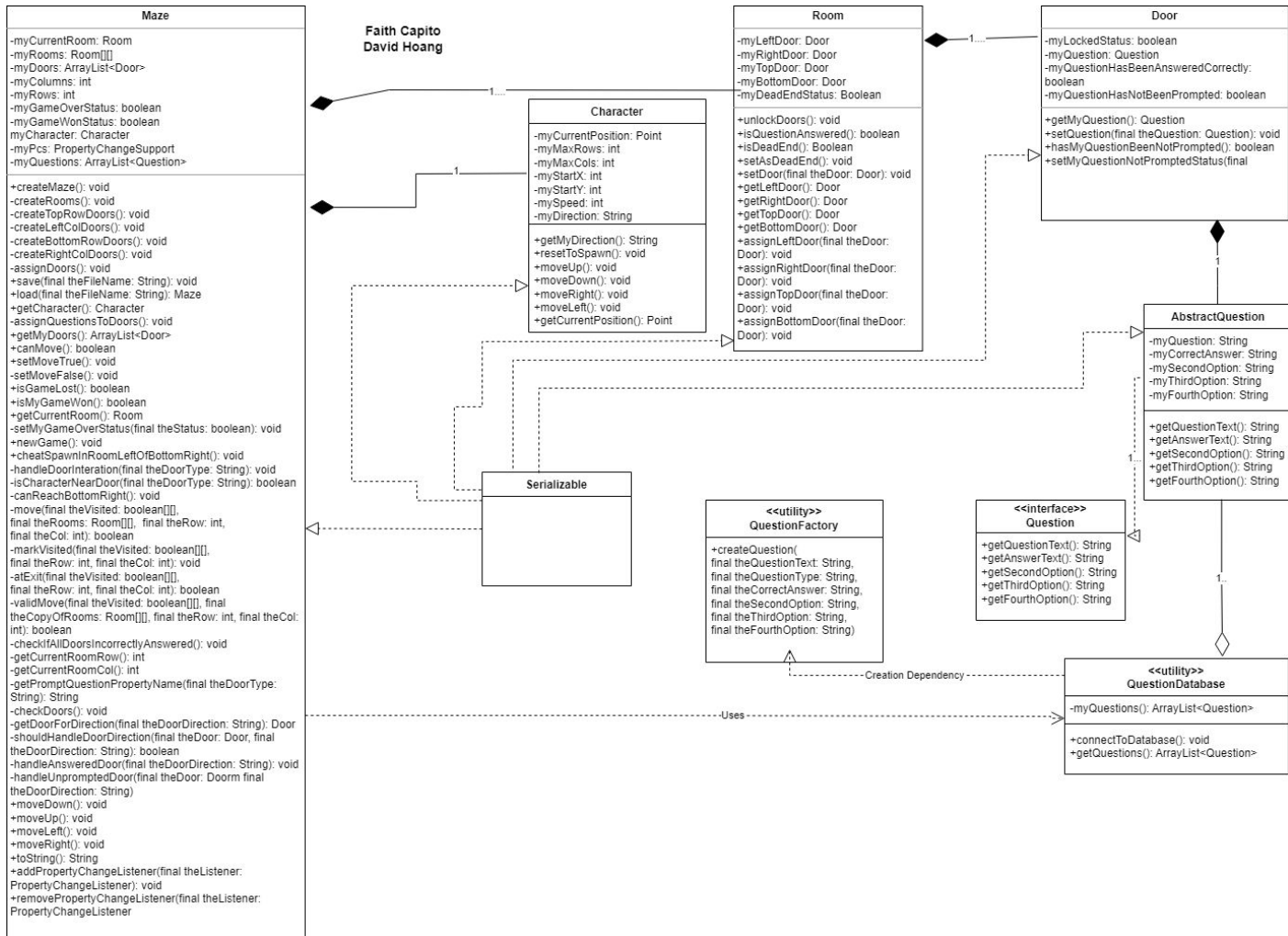
- Wander through the maze using arrow keys or WASD.
- Need a break? Press the spacebar to pause the game!
- If you want to come back to it later, save at any point in the game and load it back up once you're ready to launch.
- Enjoy your gameplay with background music or feel free to change, or pause, the music player to your needs.

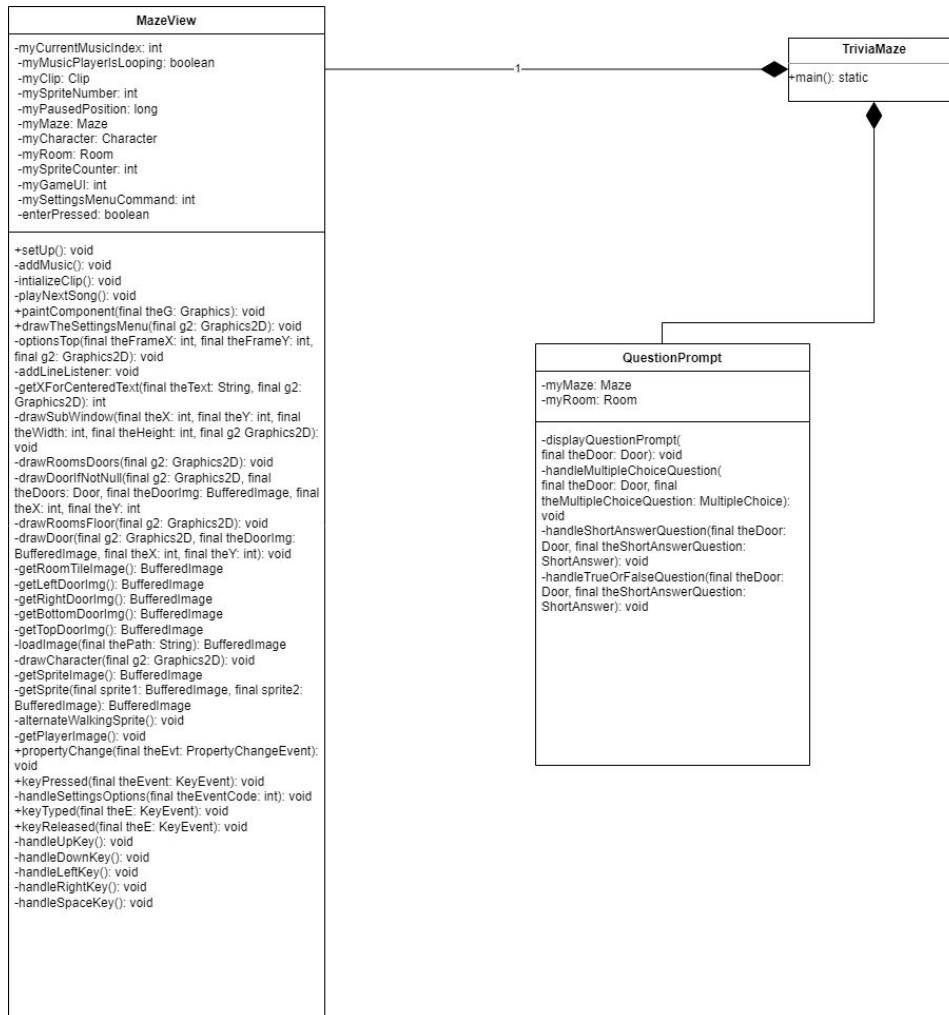


DESIGN FEATURES

- **Model-View-Controller pattern with GUI using Java Swing.**
- **Factory Design Pattern**
- **Abstraction**
- **Polymorphism**
- **Inheritance**
 - **AbstractQuestion**
 - **Question (Interface)**
 - **QuestionFactory**
 - **MultipleChoice**
 - **ShortAnswer**
 - **TrueFalse**
- **Serialization**

UML DIAGRAM





UML DIAGRAM

FUTURE WORK

- Would like to add special items/accessories that the player can find and alter their character with (character customization).
- Add a timer that limits how quickly the player can answer a question before the door locks.
 - Could be part of selecting different difficulty levels.



ON-BRAND STATEMENT

FOR GENERAL USE

- > **What defines the students and faculty of the University of Washington? Above all, it's our belief in possibility and our unshakable optimism. It's a connection to others, both near and far. It's a hunger that pushes us to tackle challenges and pursue progress. It's the conviction that together we can create a world of good. And it's our determination to Be Boundless. Join the journey at uw.edu.**