Testing Cases

Unit & System Integration

- ☑ ~~Overview Architecture~~
    - ☑ ~~Login into home Screen~~
        - ☑ ~~with Login Welcome Voice~~
    - ☑ ~~From Home Screen to Minigame Intro scene~~
    - ☑ ~~From Minigame Intro Scene to Easy Mode Scene~~
    - ☑ ~~From Minigame Intro Scene to Medium Mode Scene~~
    - ☑ ~~From Minigame Intro Scene to Hard Mode Scene~~
    - ☑ ~~From EasyMode Scene, return to Minigame Intro Scene~~
    - ☑ ~~From Medium Mode Scene, return to Minigame Intro Scene~~
    - ☑ ~~From Hard Mode Scene, return to Minigame Intro Scene~~
    - ☑ ~~Easy mode should have Blockchain Quiz~~
    - ☑ ~~Medium Mode should have blockchain quiz~~
    - ☑ ~~Hard mode should have blockchain quiz~~
    - ☑ ~~After blockchain quiz, easy mode can return to home~~
    - ☑ ~~After blockchain quiz, medium mode can return to home~~
    - ☑ ~~After blockchain quiz, hard mode can return to home~~

- ☑ ~~Home Scene~~
    - ☑ ~~Login Welcome Voice by Watson~~
    - ☑ ~~Dr. Emma Norling NPC~~
        - ☑ ~~Can talk to the NPC by getting closer and pressing the spacebar key.~~
        - ☑ ~~From dialog 1, should have the next button and end chat button only.~~
        - ☑ ~~From dialog 2, should have the prev button, next button and end chat button only.~~
        - ☑ ~~From dialog 3, should have the prev button, next button and end chat button only.~~
        - ☑ ~~From dialog 4, should have the prev button, next button and end chat button only.~~
        - ☑ ~~From dialog 5, should have the prev button, next button,end chat button, yes button and no button.~~
    - ☑ ~~Viewing Leaderboard Available, by pressing 1~~
        - ☑ ~~Open voice by watson~~
        - ☑ ~~Close voice by watson~~

    - ☑ ~~Viewing Stats Available, by pressing 2~~
        - ☑ ~~Open voice by watson~~
        - ☑ ~~Close voice by watson~~

- ☑ ~~Viewing Achievement Available, by pressing 3~~
    - ☑ ~~Open voice by watson~~
    - ☑ ~~Close voice by watson~~

- ☑ ~~Game Intro Scene~~
    - ☑ ~~Returning Home Scene by clicking Home Button Available.~~
    - ☑ ~~Clicking on the Easy mode button available.~~
        - ☑ ~~Take user to Easy mode~~
        - ☑ ~~Intro welcome voice~~

    - ☑ ~~Clicking on the Medium mode button available.~~
        - ☐ Take user to Medium mode
        - ☑ ~~Intro Welcome Voice~~

    - ☐ Clicking on the hard mode button available.
        - ☐ Take user to Hard mode
        - ☐ Intro Welcome voice

    - ☐ Viewing Leaderboard Available, by pressing 1 .
        - ☐ Open voice by watson
        - ☐ Close voice by watson
    - ☐ Viewing Stats Available, by pressing 2.
        - ☐ Open voice by watson
        - ☐ Close voice by watson
    - ☐ Viewing Achievement Available, by pressing 3.
        - ☐ Open voice by watson
        - ☐ Close voice by watson

- ☑ ~~Easy Mode Scene~~
    - ☐ Welcome Voice by Watson
    - ☐ Dr. Matthew Ellis NPC
        - ☐ Can talk to the NPC by getting closer and pressing the spacebar key.
        - ☐ From dialog 1, should have the next button and end chat button only.
        - ☐ From dialog 2, should have the prev button, next button and end chat button only.
        - ☐ From dialog 3, should have the prev button, next button and end chat button only.
        - ☐ From dialog 4, should have the prev button, next button and end chat button only.
        - ☐ From dialog 5, should have the prev button, next button,end chat button, yes button and no button.
    - ☐ Blockchain Quiz NPC
        - ☐ Can talk to the NPC by getting closer and pressing the spacebar key.

- ☐ From dialog 1, should have the next button and end chat button only.
- ☐ From dialog 2, should have the prev button, next button and end chat button only.
- ☐ From dialog 3, should have the prev button, next button and end chat button only.
- ☐ From dialog 4, should have the prev button, next button and end chat button only.
- ☐ From dialog 5, should have the prev button, next button,end chat button, yes button and no button.
    - ☐ Lead to 1st question of Blockchain Quiz
        - ☐ Watson voice to read questions
        - ☐ Watson's voice to tell if the answer is correct or wrong.
        - ☐ Update Scoreboard
        - ☐ Next quiz
    - ☐ End of quiz
        - ☐ Close quiz tab
        - ☐ Update scoreboard
        - ☐ Still staying in same place after finishing quizzes

- ☐ Viewing Leaderboard Available, by pressing 1
    - ☐ Open voice by watson
    - ☐ Close voice by watson

- ☐ Viewing Stats Available, by pressing 2
    - ☐ Open voice by watson
    - ☐ Close voice by watson

- ☐ Viewing Achievement Available, by pressing 3
    - ☐ Open voice by watson
    - ☐ Close voice by watson
- ☐ Returning Blockchain Home Available, by clicking home button
    - ☐ Watson Voice supported, for instruction
- ☐ Returning Blockchain Minigame Home Available, by clicking the return button.
    - ☐ Watson Voice supported, for instruction

- ☑ ~~Medium Mode Scene~~
    - ☐ Welcome Voice by Watson
    - ☐ Dr. Roger Moore NPC
        - ☐ Can talk to the NPC by getting closer and pressing the spacebar key.
        - ☐ From dialog 1, should have the next button and end chat button only.

- ☐ From dialog 2, should have the prev button, next button and end chat button only.
- ☐ From dialog 3, should have the prev button, next button and end chat button only.
- ☐ From dialog 4, should have the prev button, next button and end chat button only.
- ☐ From dialog 5, should have the prev button, next button,end chat button, yes button and no button.

- ☐ Viewing Leaderboard Available, by pressing 1
  - ☐ Open voice by watson
  - ☐ Close voice by watson

- ☐ Viewing Stats Available, by pressing 2
  - ☐ Open voice by watson
  - ☐ Close voice by watson

- ☐ Viewing Achievement Available, by pressing 3
  - ☐ Open voice by watson
  - ☐ Close voice by watson

- ☐ Returning Blockchain Home Available, by clicking home button
  - ☐ Watson Voice supported, for instruction
- ☐ Returning Blockchain Minigame Home Available, by clicking the return button.
  - ☐ Watson Voice supported, for instruction

- ☑ ~~Hidden Map Medium Mode Scene~~
  - ☐ Welcome Voice by Watson
  - ☐ Blockchain Quiz NPC
    - ☐ Can talk to the NPC by getting closer and pressing the spacebar key.
    - ☐ From dialog 1, should have the next button and end chat button only.
    - ☐ From dialog 2, should have the prev button, next button and end chat button only.
    - ☐ From dialog 3, should have the prev button, next button and end chat button only.
    - ☐ From dialog 4, should have the prev button, next button and end chat button only.
    - ☐ From dialog 5, should have the prev button, next button,end chat button, yes button and no button.
      - ☐ Lead to 1st question of Blockchain Quiz
        - ☐ Watson voice to read questions
        - ☐ Watson's voice to tell if the answer is correct or wrong.

- ☐ Update Scoreboard
- ☐ Next quiz
- ☐ End of quiz
  - ☐ Automatically closing quiz tab
  - ☐ Update scoreboard
  - ☐ Still staying in same place after finishing quizzes

- ☐ Viewing Leaderboard Available, by pressing 1
  - ☐ Open voice by watson
  - ☐ Close voice by watson

- ☐ Viewing Stats Available, by pressing 2
  - ☐ Open voice by watson
  - ☐ Close voice by watson

- ☐ Viewing Achievement Available, by pressing 3
  - ☐ Open voice by watson
  - ☐ Close voice by watson

- ☐ Returning Blockchain Home Available, by clicking home button
  - ☐ Watson Voice supported, for instruction
- ☐ Returning Blockchain Minigame Home Available, by clicking the return button.
  - ☐ Watson Voice supported, for instruction

- ☑ ~~Hard Mode Scene~~
  - ☐ Welcome Voice by Watson
  - ☐ The Unknown (The King) NPC
    - ☐ Can talk to the NPC by getting closer and pressing the spacebar key.
    - ☐ From dialog 1, should have the next button and end chat button only.
    - ☐ From dialog 2, should have the prev button, next button and end chat button only.
    - ☐ From dialog 3, should have the prev button, next button and end chat button only.
    - ☐ From dialog 4, should have the prev button, next button and end chat button only.
    - ☐ From dialog 5, should have the prev button, next button,end chat button, yes button and no button.

  - ☐ Viewing Leaderboard Available, by pressing 1
    - ☐ Open voice by watson
    - ☐ Close voice by watson

  - ☐ Viewing Stats Available, by pressing 2

- [ ] Open voice by watson
- [ ] Close voice by watson

- [ ] Viewing Achievement Available, by pressing 3
  - [ ] Open voice by watson
  - [ ] Close voice by watson

- [ ] Returning Blockchain Home Available, by clicking home button
  - [ ] Watson Voice supported, for instruction
- [ ] Returning Blockchain Minigame Home Available, by clicking the return button.
  - [ ] Watson Voice supported, for instruction

- [x] ~~Hidden Map Hard Mode Scene~~
  - [x] ~~Welcome Voice by Watson~~
  - [x] ~~Blockchain Quiz NPC~~
    - [x] ~~Can talk to the NPC by getting closer and pressing the spacebar key.~~
    - [x] ~~From dialog 1, should have the next button and end chat button only.~~
    - [x] ~~From dialog 2, should have the prev button, next button and end chat button only.~~
    - [x] ~~From dialog 3, should have the prev button, next button and end chat button only.~~
    - [x] ~~From dialog 4, should have the prev button, next button and end chat button only.~~
    - [x] ~~From dialog 5, should have the prev button, next button, end chat button, yes button and no button.~~
      - [x] ~~Lead to 1st question of Blockchain Quiz~~
        - [x] ~~Watson voice to read questions~~
        - [x] ~~Watson's voice to tell if the answer is correct or wrong.~~
        - [x] ~~Update Scoreboard~~
        - [x] ~~Next quiz~~
      - [x] ~~End of quiz~~
        - [x] ~~Automatically Closing quiz tab~~
        - [x] ~~Update scoreboard~~
        - [x] ~~Still staying in same place after finishing quizzes~~

  - [x] ~~Viewing Leaderboard Available, by pressing 1~~
    - [x] ~~Open voice by watson~~
    - [x] ~~Close voice by watson~~
  - [x] ~~Viewing Stats Available, by pressing 2~~
    - [x] ~~Open voice by watson~~
    - [x] ~~Close voice by watson~~
  - [x] ~~Viewing Achievement Available, by pressing 3~~
    - [x] ~~Open voice by watson~~

- [x] ~~Close voice by watson~~
- [x] ~~Returning Blockchain Home Available, by clicking home button~~
  - [x] ~~Watson Voice supported, for instruction~~
- [x] ~~Returning Blockchain Minigame Home Available, by clicking the return button.~~
  - [x] ~~Watson Voice supported, for instruction~~