

SPRINT 2 Plan

Estimations in fibonacci numbers representing time/difficulty are listed in brackets
The tasks are divided by color for each group member

Josh Sean Katie Kevin

User Tasks

As a child, I want options to be distinct from each other so my decisions cannot be confused with others.

- SMALL TASKS
 - Implement a 2d outline shader for button graphics(3)
 - Ensure the following stay true through iterations: objects work, spacing is correct, no strange outcomes when clicking objects/people (3)
- ACCEPTANCE CRITERIA
 - All objects work
 - No images overlap awkwardly
 - Hit boxes for all links are appropriate

As a child, I want to be able to play the game by clicking on graphics so there is no option that I cannot read.

- SMALL TASKS
 - Find graphics for the various objects in the game (8)
 - Edit graphics as necessary
 - Add alpha channels
 - Ensure graphics are integrated with game cleanly
- ACCEPTANCE CRITERIA
 - Images represent an obvious part of the story
 - Graphics are small enough to not impact loading times
 - Graphics are integrated with the game cleanly

As a child, I want to be able to get a different outcome by making different decisions so that I feel like my decisions really matter.

- SMALL TASKS
 - Create text actor functionality (2)
 - Make the rest of the pages (3)
 - Link pages appropriately (2)

- ACCEPTANCE CRITERIA
 - Story authoring can complete regardless of final graphics
 - All pages link appropriately
 - Each story branch is complete
 - StoryPlay file versioning is properly integrated into the project potentially with periodic backups

As a child, I want to be able to start the game over so I can see a different outcome.

- SMALL TASKS
 - Make the restart button on each END page link to START page **(1)**
 - Make the restart button in the corner of each CHOICE page **(2)**
 - Make all of these buttons ask for confirmation to restart the game or continue **(3)**
- ACCEPTANCE CRITERIA
 - Button is in a consistent position on each page
 - All buttons link to confirmation page
 - Confirmation link actually restarts game

As a child, I want to see graphical representations of scientists so I can learn about nonstandard career paths I could take.

- SMALL TASKS
 - Find images of uniforms/outfits for various scientific careers **(4)**
 - Implement avatar that persists across story pages **(3)**
- ACCEPTANCE CRITERIA
 - Each character image clearly represents its career story
 - Character avatar accompanies child throughout story

BACKLOG (SPRINT 3)

As a child, I want to see colorful animations on story pages so I always know what to do and don't lose interest.

- Add animations

As a child, I want a friendly voice to guide me through the game so I know what options I have.

- Record script
- Sync recording with text on pages

As a child, I want to listen to music and sound effects so I can feel more immersed in the story.

As a child, I want to be able to mute the game if I want to play quietly

- Create a mute button
- Make the mute button toggle music on and off
- Toggle the mute button graphic to represent currently muted status

As a child, I want to interact with my result so I can get a better idea of how fun these careers can be.

- Make elements on each END page interactive, animating on touch

As a child, I want to see a representation of myself in the form of an avatar to enhance my investment in the game's outcome. (optional)

- Research possible APIs for taking pictures of yourself to put in the game

As a child, I want to see children dressed up in costumes/uniforms that represent possible careers so I can imagine myself in their shoes.

- Get pictures of kids in the proper clothes

As an admin, I want to be able to run tests on the program without clicking through the game.

- Test the login page
- Test the disclaimer page
- Test clicking on objects
- Test pressing 'back', restart, and continue buttons
- Test avatar
- Test volume bar

As a parent, I want to log in easily so my child can start the game as fast as possible.

- Create log in front page

As a parent, I want to be sure there is no advertising or harmful material in the game so I can leave my child unattended.

- Make disclaimer page describing this idea