- 1. The user must be able to explore a variety of mazes
  - 1.1. There will be 3 games levels with a different maze and theme for each level
  - 1.2. System will have a level selection screen
- 2. The user will be able to move a character using keyboard input
  - 2.1. The user must be able to collect items and gain points
  - 2.2. There will collectible items for the user to collect
  - 3.3 User will gain more points with each collectible collected
- 3. The user must be able to answer questions and progress through the maze
  - 3.1. There will be doors acting as obstacles within the maze. Upon encountering the door, the user will be posed with a question
  - 3.2. Questions will be based on one of 3 topics maths, science or English
- 4. User must answer the question to be able to progress past the door and continue through the maze. If they get the question wrong, they can reattempt until correct
  - 4.1. The user must be able to find the maze end point
  - 4.2. User presented with a "Well done" screen once maze is completed
  - 4.3. End point of the maze will be highlighted by a symbol to direct the user
- 5. Game must be themed appropriately for 10–14-year-olds
  - 5.1. Game will be space themed with bright colour scheme
  - 5.2. User's character will be an astronaut
  - 5.3. Level backgrounds and collectible items will be space themed
- 6. Game must be fun and interactive
  - 6.1. Game will have fun background music
  - 6.2. Game will positive reinforcement to motivate player through the game