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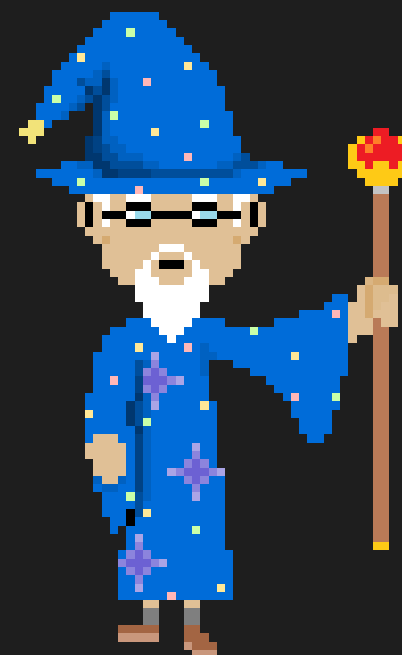
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Walk Through

When opening the app you are met with the 'Title Screen', this is the main way to navigate through the application.

'Quiz Menu' is the main function for this app. Here you can set the settings for the quiz or just start it.

- Settings menu – Used to set the difficulty of the quiz.
- Quiz – Consists of 3 rounds and uses a point system to grade users.

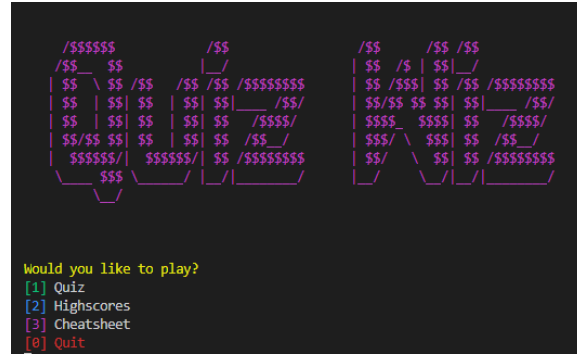
The 'Scorescreen' is presented once the user passes or fails the quiz.

Saving

'Highscores' this option from the 'Title Screen' allows users to view the final score of passed quizzes.

There is a 'Cheatsheet' that can be accessed via "ruby App cheat"

Title Screen



Quiz Menu/Instructions

```
--Welcome to Quizizz Wizz--

Rules:
The game is broken up into different rounds, each round harder than the next. There are
3 rounds and each round consists of at least 5 questions.
When the game begins you will be posed with a question, once an answer is given you move
on to the next question. At the end of each round a prompt will show to signify the end o
f the round, pressing enter will move you to the next round if you pass.
You will be awarded points every time you answer correctly as well as bonus points for p
erfect rounds.
Depending on the chosen settings different amounts of points/correct answer are require
d to move to the next round.
Any bonus point awarded will not contribute to your passing grade for the round.
Good Luck!

The current Question Timer is set to: 60s
The current Round Passing Score is set to: 0

Are you ready to start?
[1] Yes
[2] Settings
[0] Back
```

Settings – Pass/Fail

```
what would you like to set the point threshold to per round?  
[1] Pointless  
[2] Easy (20)  
[3] Normal (50)  
[4] Hard (70)  
[5] Extreme (90)
```

Cheatsheet

```
--Round 1--

-Question 1-

What is the solution to the follow equation:
 $3 \times 3 - 3 + 5 \times 2 - 4 =$ 

[4] x = 12

-Question 2-

What year did the first gold rush start in Australia?

[1] 1851

-Question 3-

Which of the following is not part of the water cycle?

[4] Carbonation

-Question 4-

Which definition best suits term metaphor?

[3] A word or phrase that means exactly or nearly the same as another word or phrase in the same language.

-Question 5-

What is Mount Kosciuszko's height?

[5] 2228 m
```

Concepts

Quiz

The quiz itself is hard coded into the app this is because of the question design and target audience. The quiz is supposed to have some educational value or at least be able to help test an some of an individuals' learning abilities.

To do this I designed the questions around Bloom's Taxonomy as well as referring to NESA NSW syllabuses.

Future Development

Early on in the development process I ran into a lot of issues. I ended up axing a lot of planned features, I would like to attempt to add a few of them into the app:

- Custom quizzes, generate quizzes inside the app via text files
- Competition Mode, more of a gameshow style player vs player using buzzers
- Better Menus, better graphics overall
- Better Saves, more recorded stats, personalised for usernames

| Bloom's original taxonomy | |
|---------------------------------|--------------------------------|
| | Cognitive process dimension |
| Knowledge | Remembering |
| Comprehension | Understanding |
| Application | Applying |
| Analysis | Analysing |
| Synthesis | Evaluating |
| Evaluation | Creating |