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| Critical Information Summary | |
| Student Name | Alex Ruth |
| SID | 216106075 |
| Mark Aimed For (%) | 90 |

### Criteria: Code Commits [HD]

To meet the HD criteria, I must have:

* At least 25 unique-day commits.

For my project, I made more than 35 unique-day commits and a total of 72 total commits (as of 16th May).

My commits can be found at:

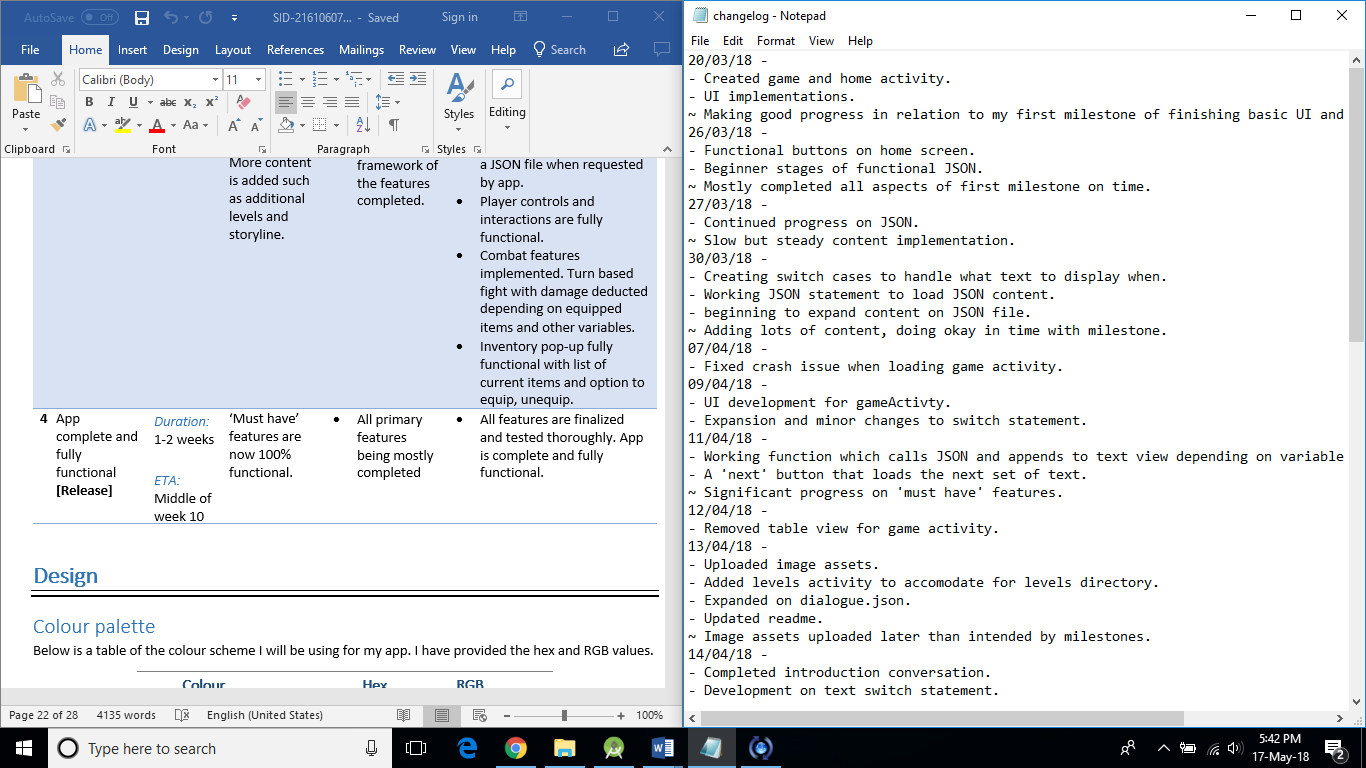
https://github.com/Alexmruth/SIT305ass2/commits/master

### Criteria: Weekly Progress [Distinction/HD]

To meet the distinction/HD criteria, I must have:

* Updated the changelog once a week
* List all new major features added per day-of-work, and what I’m still working on
* Summary of progression related to my milestones.

For my project, I have a changelog.txt file which lists all major features added and what I’m working on, plus a summary of progression related to milestones. Here is an example from my changelog file:



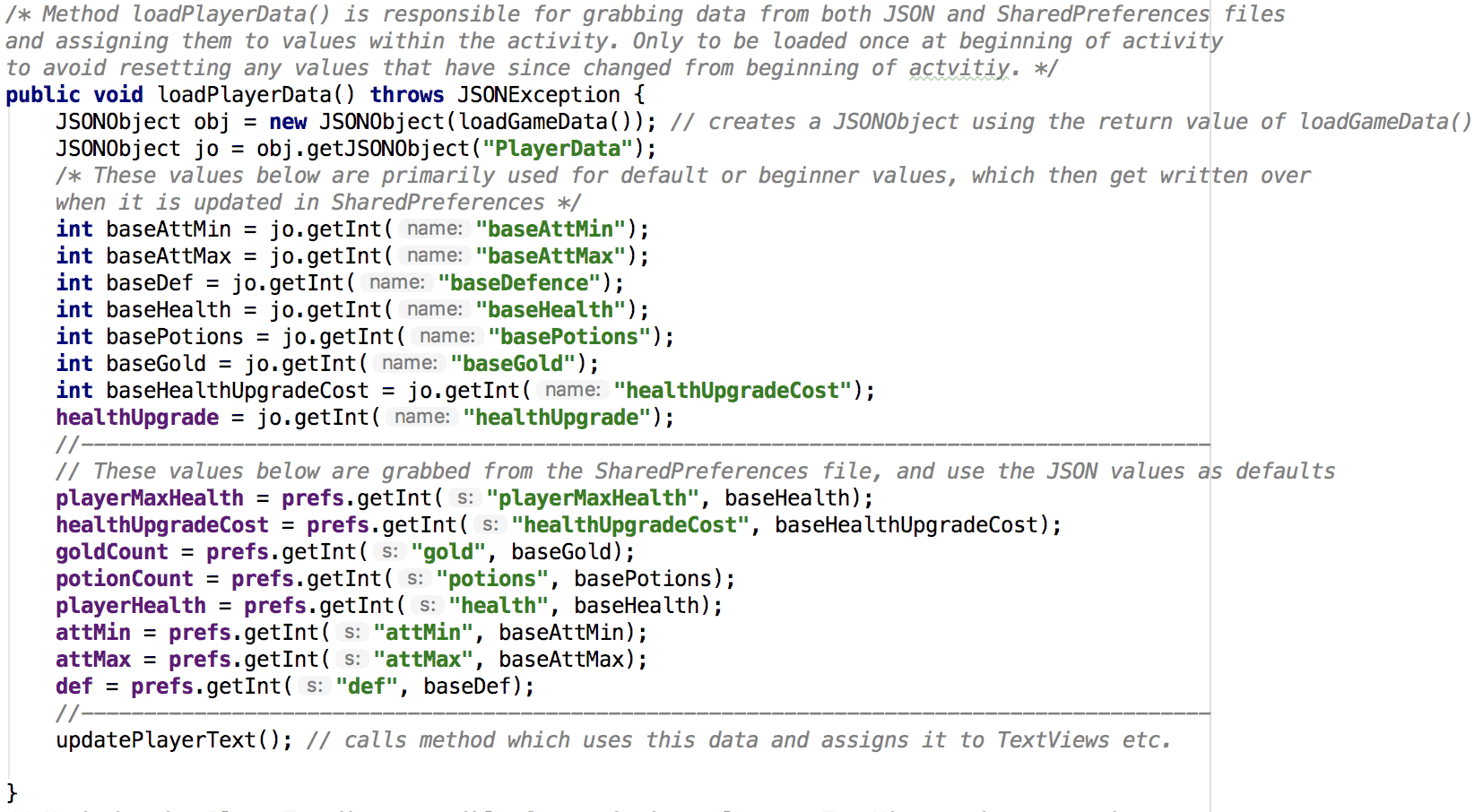
Comments that begin with a “~” are milestone related comments.

### Criteria: Code Quality [Distinction/HD]

To meet the distinction/HD criteria, I must have:

* Perfect indentation
* Every class and major method/function has an explanation comment
* Examples on where the function is called

For my project, I have perfectly indented and organised code, with the help of the reformate code and auto-indent features in Android Studio. Every class and major method/function have comments which describe and explain what it’s used for and where it is used. Below is an example of my code:

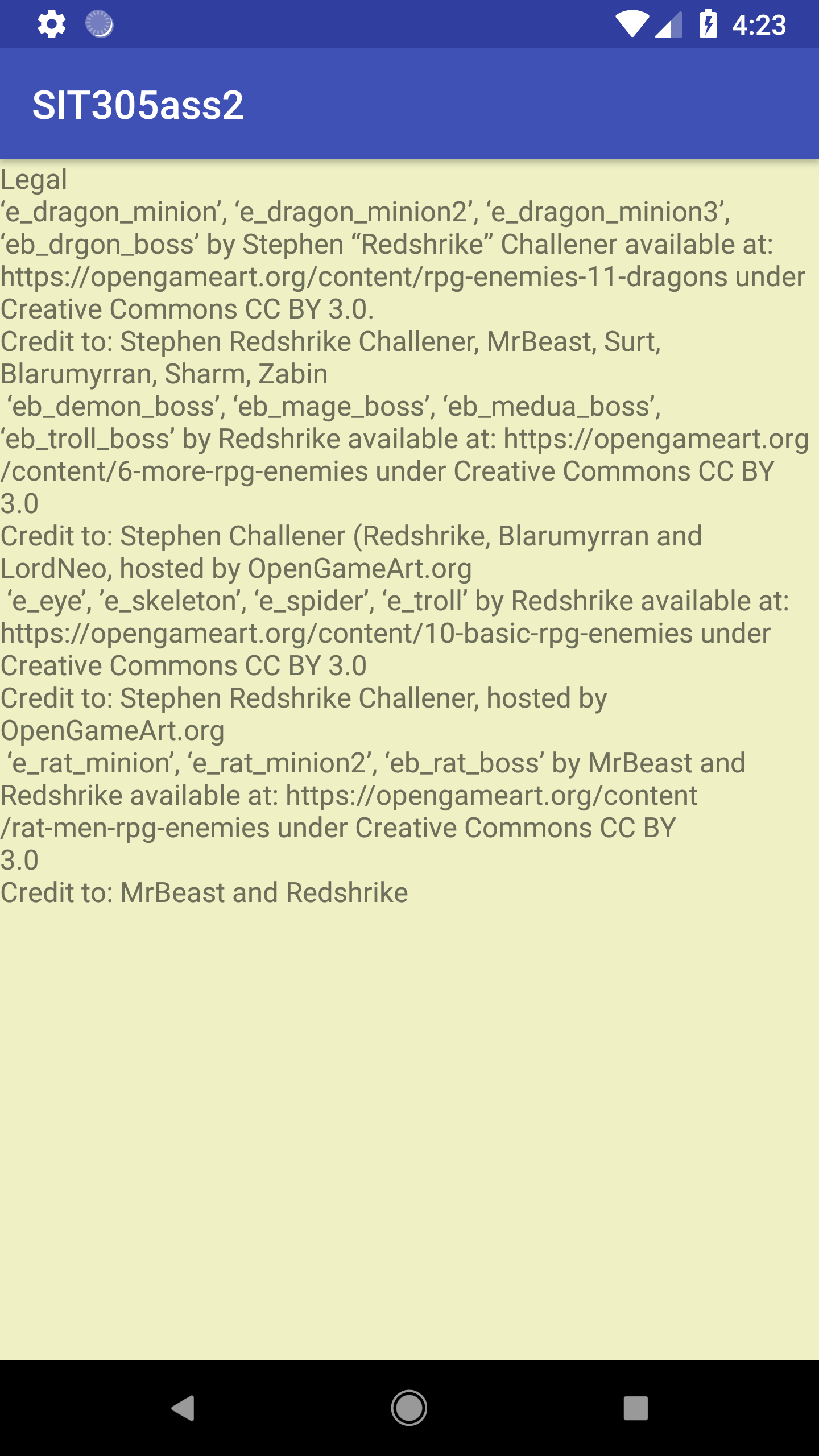


### Criteria: Legal [Distinction/HD]

To achieve the distinction/HD criteria, I must have:

* A licenses.txt file with all material attributed
* A legal/about section in my app with attributions where required
* Attributions include hyperlinks to source pages

For my project, I have included a lisecnes.txt file that is fully comprehensive. I also added an ‘about’ page which can be accessed from the main menu with gives credit to all authors who’s content fell under the Creative Commons CC BY 3.0 licensing. This also included the source URL. The below image is the view of the ‘about’ page:



### Criteria: Playability [Distinction]

To achieve the distinction criteria, I must have:

* My game be engaging to be for at least 5 hours

My game has potential to be engaging to play for over 2 hours, but due to limitations of time and working by myself I haven’t necessarily made it a reality in my app. However, it has the potential to be expanded on with minimal effort to make a longer lasting and engaging game. I hope this doesn’t negatively affect all the other hard work I’ve put into my app.

### Criteria: Data Handling [HD]

To achieve the HD criteria, I must have:

* All game data load through local text files
* Save & load user settings to external file/resource
* Save & load the player state from/to external file/resource

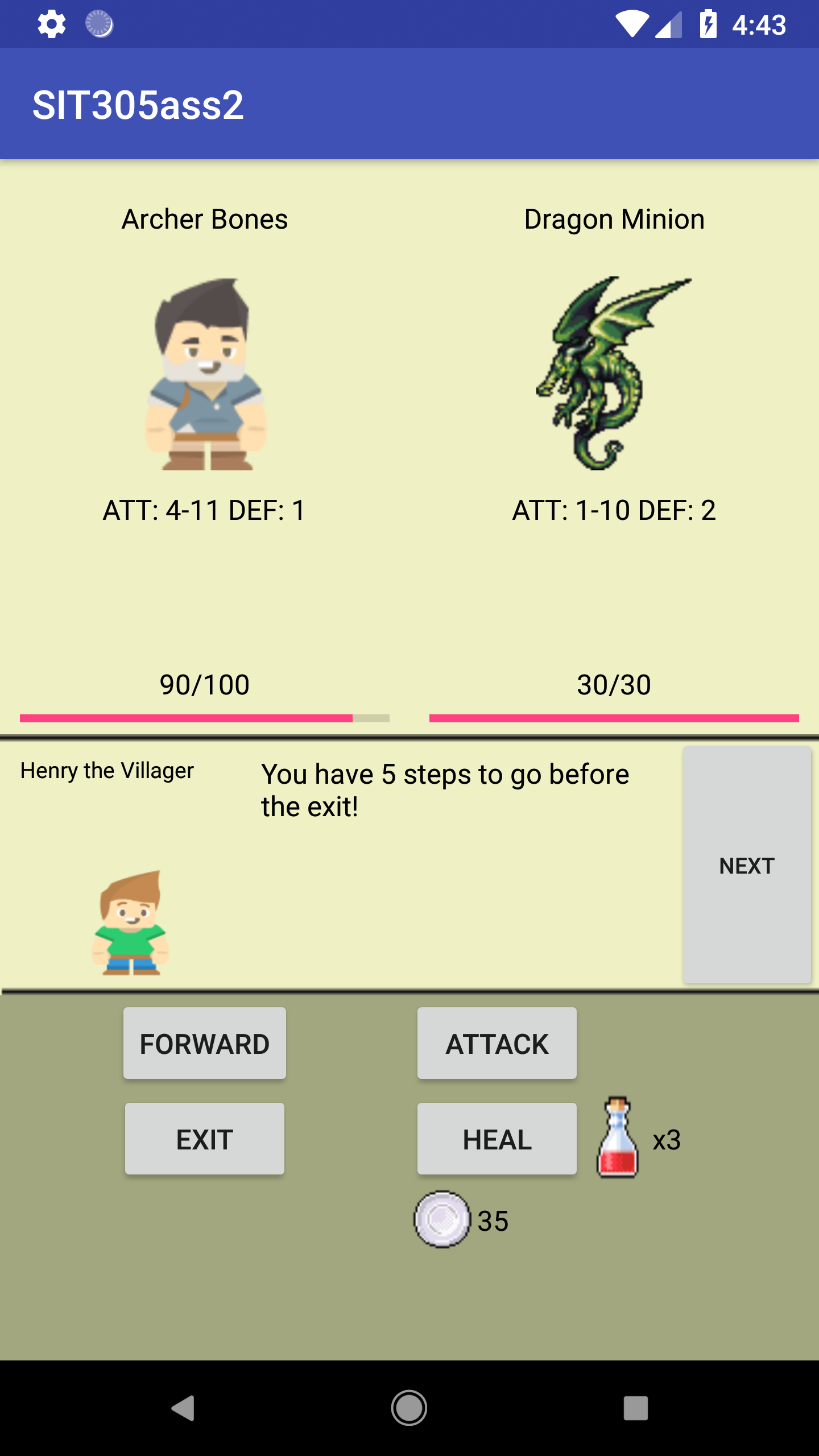
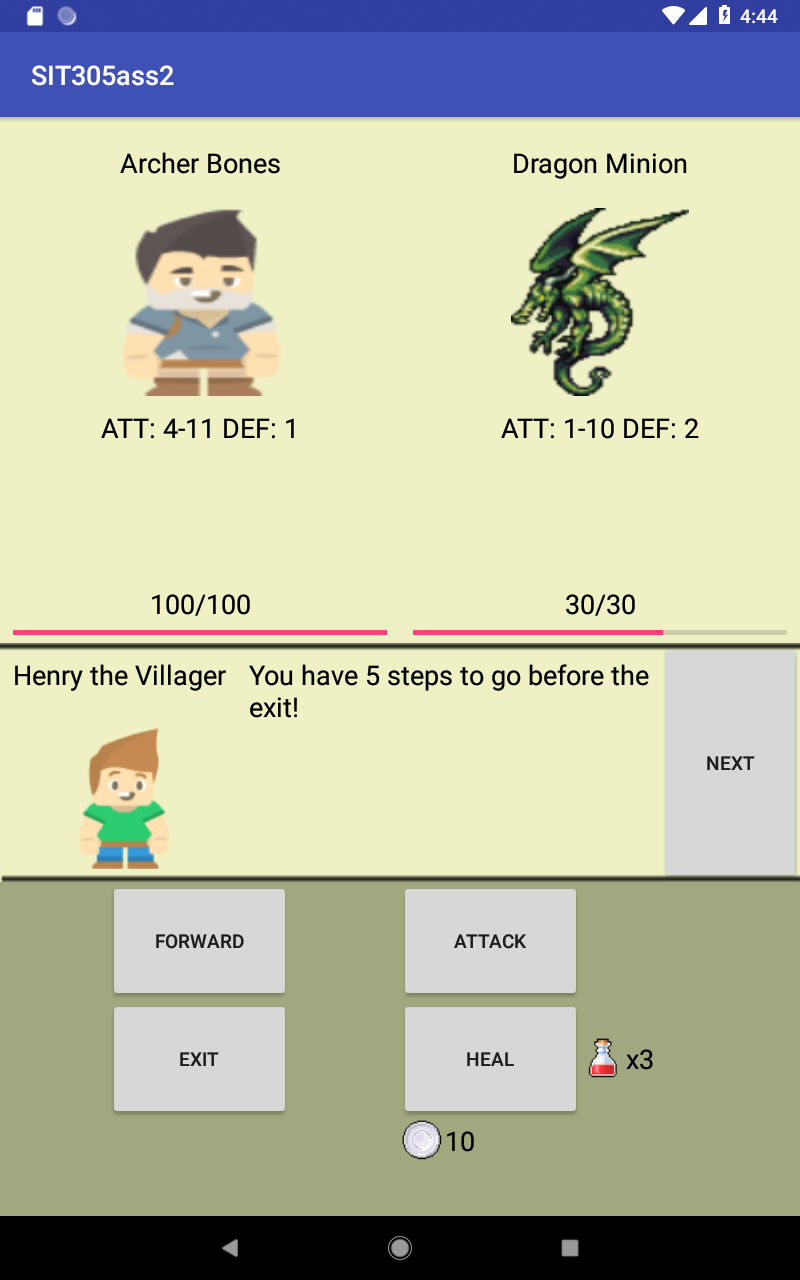
For my app, I use a mix of external JSON files (in the form of text files) and Shared Preferences to save, load and display game data, including the current player state and values.

### Criteria: Layout [Distinction/HD]

To achieve the distinction/HD criteria, I must have:

* App working in portrait phone mode
* App working in portrait/landscape across all devices
* App adjust to different screen resolutions

For my app, changing orientation is disabled as it is not viable for the game layout, so landscape orientation is disabled. Therefore, my app works perfectly in both orientations with no errors in the UI. I also have separate XML files for smaller screen sizes with small changes to make the app fit better to smaller screen resolutions. Below are screenshots of my app on a phone (left) and a tablet (right):

### Criteria: Bugs [Credit]

To achieve the credit criteria, I must have:

* Code handle all bugs, and restarts/resumes as appropriate
* Code keeps all data safe and saved, and reports bugs to the end-user

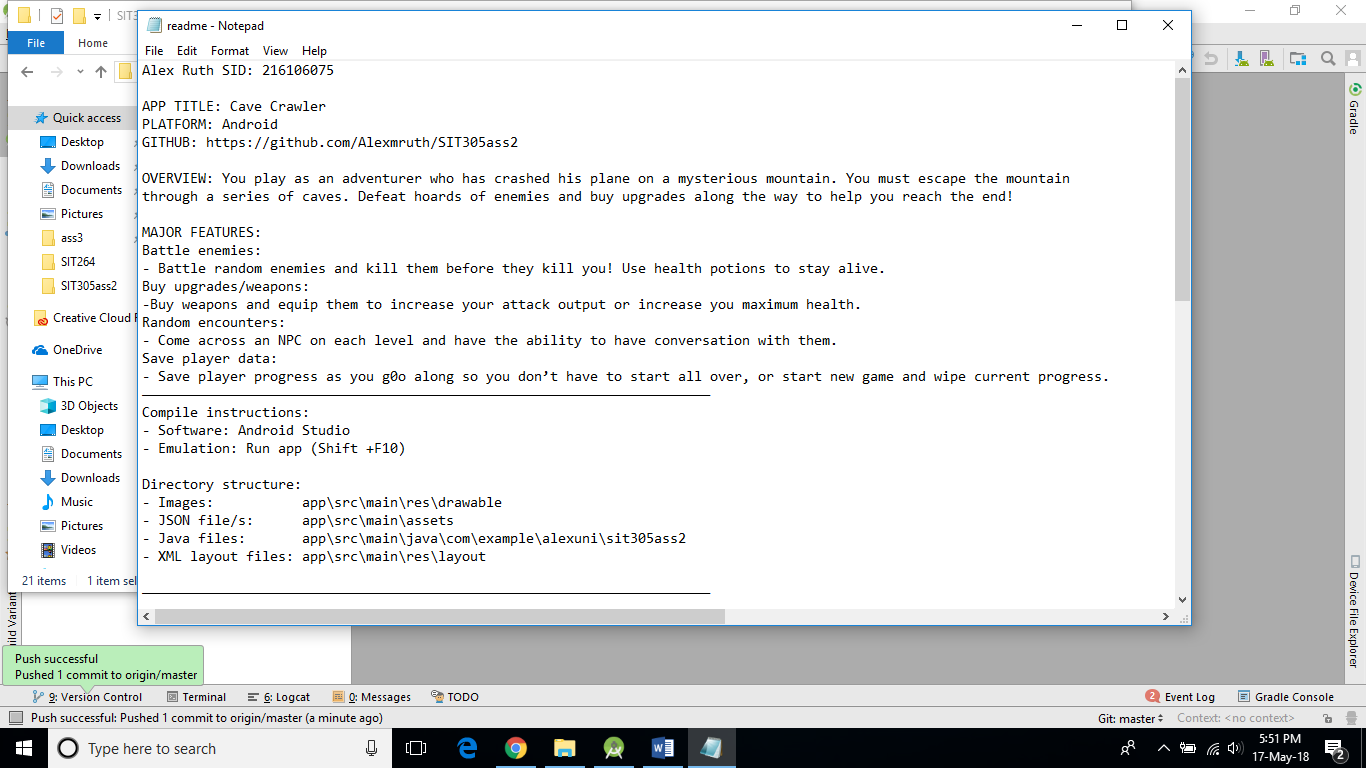
For my app, my code handles bugs by catching exceptions and only allowing certain things to happen if it is safe to do so. If a crash occurs, the app can be restarted or closed. Additionally, all previously saved data is not lost.

### Criteria: readme.txt [Distinction]

To achieve the distinction criteria, I must have:

* Include my name, app title, platform, Github link and overview of app
* Explanation of major features

My readme.txt file contains all above content, as well as compile instructions and directory structure. Below is a screenshot of my readme.txt file.



### Criteria: Publishing [Distinction]

To achieve the distinction criteria, I must have:

* App meeting all App Store Guidelines.
* Icons and splash screens.
* Folder including promo text and screenshots of device

My app does not break any App Store guidelines. It also contains a splash screen and uses default icons. I have included a folder called ‘publishing’ in the main project directory folder which contains app screenshots and promo text for publishing.

### Criteria: Demonstration Video [Distinction]