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<p style="text-align:center"><u>Group Project Classes</u></p>

<u>Json package:</u>

This package will contain all of the class related to the dictionary definitions, including loading/saving, storage of definitions and the practice tests.

- **JsonProcesser –** Class that will handle the programs Json related work, including the loading/saving of the files.
- **WelshDictionary** – Class that will hold each words definition with all the necessary fields. The class methods also consists of getters/setters so these fields can be accessed by other parts of the program.
- **Assessment (Needs clarification)**– Class that is responsible for running tests on selected definitions. Methods in this class allow for the running of each test type along with another method that will handle a randomised assessment. This may be need to be split into a number of classes, pending discussion with the group.

<u>JavaFx package:</u>

This package will hold all of the programs main application method as well as the JavaFx related files and classes including the fxml files that specify how each screen will look and act, which can be loaded in as scenes.

- **Application** – Programs main class, handles the display of the various javafx scenes needed for the program's user interface. This class will also hold the programs loaded JSON
- **Controller (Needs clarification on exact number) –** Controller class responsible that controls each fxml file and allows them to run functions (OnButtonClick etc). There will be an unknown number of these until we know how many scenes we will need. Possible ideas include for controllers include Main menu, Search section, Flashcards, Study, Add new words and practice list.

<u>Test package:</u>

This package will contain all of the programs JUnit tests, will be updated once more is known about the tests.