Future Iterations

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| Item | Current Status of Item | To do |
| Usability testing | Usability of the application has been tested by client, supervisor and project team. | Test the application with end‑users (students of Te Reo) to ascertain if there are other changes that can be made to improve usability. There may be insights that a learner of Te Reo may be able to provide that are not obvious to other testing groups. |
| Refinement of the UI | The prototype UI has a place‑holder design to provide visual interest, but is not intended to be final. | Improve and test the user interface, so that the application has its own look and feel. |
| Māori icons | The icons currently used on the prototype are open‑source. | Unique and licenced icons should be found to give the application a distinct style. |
| Stylised message boxes | The prototype uses the Android studio default layout for pop‑up boxes combined with open‑source images. | The message boxes should be formatted to give them a distinct style. |
| Customisation of launch icon | The prototype uses the Android studio default launch icon. | A customised image should be added the launch icon. |
| Database images and audio files | Audio and images are hard‑coded in the prototype. | Add audio and images to the database and play/display them programmatically. |
| Category table | The Categories is hard‑coded in prototype. | A Category table needs to be added and associated with the Sentences table in the database and application. |
| Test database with large datasets | The database has only been used for three sentences (without images and audio files) | Investigate if SQLite will be able to handle larger datasets with audio and images files. Consider using a different RDBMS if necessary. |
| Fix Drag and Drop Movement | Currently, if a user taps a word in the answer panel it will send that word to the far right of the line, but the user cannot chose where the word is placed. | Modify the drag and drop functionality so that users are able to reposition words in the answer panel by dragging the individual words |
| Check content | Content was provided by two Māori language experts at separate times. | Check that the Māori language used in the application is consistent with language the client wants users to learn. |

## Possible added features/functionality

* Add levels of difficulty
* Include audio for individual words
* Keep statistics for user
* Colours for types of words
* Migrate the application to VR tech.
* Provide an interface for the tutor, so the tutor can add their own sentences.