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| IT7301 Project Variation Application | | |  |
| Variation Item | | | |
| Project Number | TRI-218 | | |
| Project Name | Te Reo App - Nenekara | | |
| Variation Item | Database design | | |
| Item Description | From the proposal scope:   * Database design: The development of a database in SQLite that stores the sentence structures and their corresponding audio files. * Six question and answer combinations will be provided by the client. | | |
| Item Due Date | 26 October 2018 | | |
| Application Date: | 26/10/2018 |
| Variation | | | |
| Variation | | (Describe the change) | |
| * The database has been designed to include the audio and image files in the Sentences table. Additionally, a Categories table was also put in the database design. Rather being extracted from the database programmatically, these three items (audio, image and category) and their related functionality, have been hard coded into the prototype. * Three, not six question and answer combinations have been provided by the client. | | | |
| Variation Impact | | (Describe the impact of the change) | |
| * There is no overall impact to the application for the purposes of viewing and testing the prototype by the end‑user. However it does mean that any future iterations of this project will have to resolve these issues, in order to make the application viable. * There is no impact on having three versus six sentences for purposes of viewing the prototype. | | | |
| Variation Reason | | (Explain the need for the change) | |
| * Getting proficient in Android Studio taking took longer than anticipated and there was limited information available on incorporating audio blob files from SQLite into Android Studio. The combination of these two things meant there was not enough time to complete the database functionality. * Our supervisor advised that three sentences would be sufficient given the restricted availability of Māori language experts to provide the sentences and the corresponding audio recordings. | | | |
| Application | | | |
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