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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 end-user for the purposes of viewing and testing the prototype. 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 sentences versus six sentences for purposes of prototyping the application. | | | |
| Variation Reason | | (Explain the need for the change) | |
| -A combination of getting proficient in Android Studio taking longer than anticipated and the paucity of information on incorporating blob files from SQLite into Android Studio, meant at we ran out of time to complete the more complicated aspects of the database.  -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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