

Specifications for Wintec Waiata Prototype App

CASE Study Solution

Client and Users

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App: Staff Waiata and Info App (SWinfo App) Prototype

Description:

Wintec has a list of Waiata (songs) that are performed at Wintec events by Wintec Staff and Students. Events occur on Campus where wifi is available but also, students can be out on Noho - a gathering at a location which is off-campus - and possibly out of wifi range. Wintec Staff and Students are required to sing Waiata at these gatherings.

The app is to be used by Wintec Staff and Wintec Students (Users)

- Users can select a Waiata and learn to sing the Waiata
- Users can find information on the Wintec Marae – Te Kopu Mania o Kirikiriroa

Implied Intellectual Property Rights and Client Confidentiality

Students are aware of the following:

- Students are automatically bound to Intellectual Property Rights and Client Confidentiality when undertaking the CASE study project. While every effort has been made to ensure client protection students shall conduct themselves accordingly and ensure that any disclosure of information is not detrimental or discriminating towards the client
- The CASE study project is a *prototype* of a Waiata App for Wintec Staff and Students which shall become a working-based solution
- Students shall reference their participation with the client as a CASE study project assessment as industry experience, however, under no circumstances are students allowed to reference as having been employed or contracted by the client

General Specifications

- App (Android) to assist Wintec Staff and Students to sing Wintec Waiata
- To provide information on the Wintec Marae – Te Kopu Mania o Kirikiriroa
- For staff/students to be able to Pause, Rewind, Play Waiata
- To have a combination of Audio (MP3) and Visual aids (Bouncing Ball) to assist learning
- Use Full Screen Display for simplicity when singing or learning Waiata
- Use a San Serif Font, with Macrons for Maori Words
- Design according to Mobile and Android compliancy which includes Gesturing, Aesthetics, HCI, and UX
- App Disclaimer for Usage
- About Screen – Information on App version and development team
- Training Videos
- The app will be for a Mobile Phone - (Tablet NOT included)
- The app will be used by the Wintec Staff and Students of Wintec
- The app needs to access songs and information on-campus and off-campus, including when WiFi connection is not available

Description and Current Process

The current process of how Wintec Staff and Students learn to sing Waiata

- Users access Waiata from the Wintec Website which has the words of the Waiata
- If a Waiata has an mp3, they can select it to listen to the Waiata
- Users access information on the Marae from the Wintec Website

Grading

Failed or Incomplete Category

- 0-49% Criteria
 - App does not complete the specifications as required in the C Grade Category
 - App is not functional or deliverable on presentation to client

C Category – Standard App

The App must complete the base requirements for Pass Criteria: 50-59%

1. Comply with *General Specifications*
2. Complete the following Waiata
 - a. E Kore Koe E Ngaro
 - b. He Maimai Aroha Nā Tāwhiao
 - c. Waikato Te Awa
 - d. Tutira mai Nga Iwi
3. Has weblinks to information on the Wintec Marae

B Category – Additional

The App must complete the base requirements for Pass Criteria: 60-74%

4. Complete all C Category Criteria, including the following
5. Additional Waiata
 - a. Pupuke Te Hiri
 - b. I te whare whakapiri
 - c. Pua Te Kowhai
6. Includes information on the Wintec Marae including web links

A Category

The App must complete the base requirements for Pass Criteria

7. Complete all B Category Criteria, including the following:
8. Additional Waiata
 - a. Includes English words and translation of songs. You can obtain the English word translations from downloading the Wintec Waiata app from google play
9. Additional information on the Wintec Marae
 - a. Includes information on the Wintec Marae including web links, and
 - b. Includes information on Marae Carvings with web links
10. Application of android mobile UX/UI tools and aesthetics' – this is decided by the client and the tutor

Information and Details

- Refer to the Moodle assessment link for client details and weblinks to Wintec Waiata and Marae Information

Additional or Extra Factor to Increase Grade

- Provide an additional (extra) iOS version of the App for the client
- Concepts or Ideas that supports and complements the apps objective

Device Specifications

- API 5.0/6.0
- For a mobile phone – Android
- Video compression and rendering for audio and video playback. All audio and video files shall be compressed to reduce app storage space

Disclaimer

The Waiata App is a Prototype version for Wintec Staff and Students. It is intended that staff and students shall use this to get an understanding of singing Wintec Waiata and information related to the Wintec Marae. Waiata or Information on the Marae may change change accordingly making older versions redundant – Wintec takes no responsibility of outdated information displayed on the app.