

Gig Management Application

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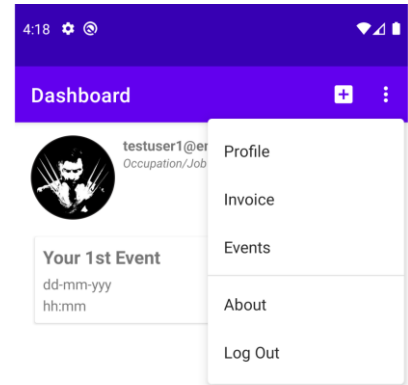
Client: PPLUS Ltd



Paolo Manlunas



Patch Lambert



INTRODUCTION

The Gig Management Application (Stylised as “GeMA”) is developed by PPLUS Ltd, a two-person team consisting of Paolo Manlunas and Patch Lambert. The idea of the application was born around the team members experience’ as performers in the entertainment industry. Paolo (a musician) and Patch (a comedian) wanted to create a platform that would address the administration needs of semi-professionals in the entertainment industry.

GeMA is an android application where users can manage schedule their own events and create their own invoices from a singular point of contact. Each user is able to create and manage their own profile, create invoices and events, and have an at-glance-view of upcoming events through the dashboard.

DEVELOPMENT

- With the team operating as the project’s client, GeMA was already defined before the group entered the planning phase
- After the creation of the wireframes using Balsamiq, the application was subject to no major changes and throughout the development the team remained focused on delivering the MVP
- Developed using Android Studio, adopting the Agile methodology, using sprints centred around each component of the application to ensure the team remained focused
- *Atlassian* software was used to create a ‘home’ for their development: Jira to track their progress

and allocate tasks, and ‘*BitBucket*’ as the repository

- Adhering to Google’s Android Development documentation, the team relied on the various libraries and material design elements developed by Google for UI and Kotlin development
- To store user data, the team implemented ‘*firestore*’ - a cloud database where each user has their own collection of invoices and events sent directly from the application
- The team developed four main pages: dashboard, user profile, events and invoices
- Development was wrapped up the week before handover to allow the team to focus on testing completion and the creation of supporting documents

CONCLUSION

The team was able to complete most of the requirements they set out to achieve. The application they created allowed users to create their own profile, create and manage events, and create invoices.

A feature the team were hoping to implement was for the app to convert user invoices to PDFs. Due to time constraints the team had to leave this for the next iteration. Moving forward, the team are looking at the continued development of the application post-project. Their aim is to polish existing features and turn the app into a platform where users can also book and manage shows, acts and venues.