Face2Face

By Eoghan Barker and Emma Garvey

Contents

[Introduction and Requirements 3](#_Toc128757347)

[Architectural overview 3](#_Toc128757348)

[Detailed breakdown of work among the team 3](#_Toc128757349)

[Project Plan and Design methodology 3](#_Toc128757350)

[Choice of technology used. 3](#_Toc128757351)

[Database Design 3](#_Toc128757352)

[Screen layout 4](#_Toc128757353)

[Test Plans 4](#_Toc128757354)

[Limitations and Known bugs 4](#_Toc128757355)

[Weekly Journal 4](#_Toc128757356)

[Conclusion 4](#_Toc128757357)

# Introduction and Requirements

The project we are developing is part of our third-year professional practice module. The idea came about by how reliant people can be on their phones in social situation and how people should live in the moment. Therefore, how we came up with the name Face2Face. The app works using an NFC connection between phones. When a group of friends are together, one person will host the session on the app and the other friends can join using NFC. The data that is obtained is the username, length of session and points. Eventually depending on the scope of the project we would like to implement a friend system between users.

# Architectural overview

Diagram

Description automatically generated

The architecture of our project is based around the MERN Architecture. MERN is Mongodb, Express JS, React JS and Node JS.

# Detailed breakdown of work among the team

# Project Plan and Design methodology

# Choice of technology used.

# Database Design

# Screen layout

# Test Plans

# Limitations and Known bugs

# Weekly Meeting Journal

Week 1

In week one we brainstormed ideas and produced one solid idea each. We then researched ideas and decided on our idea.

Emma's idea is the following brainstorm

Graphical user interface, text, application, email

Description automatically generated

*Put Eoghans screenshot here*

We decided to go with Eoghan's idea which is an app which allows people with the app to join a session or host a session. The phones are connected using NFC.

In Our first meeting we met up in the canteen and discussed our project with our supervisor. We organized to meet each week on Monday at 11am. We were given the green light and told to prepare our project architecture for the next meeting.

Week 2

In week 2 we worked on the architecture of the project. It took some time to think about how everything is connected. We found it beneficial to do the architecture as it allowed us to know more accurately scope the project.

In Our second meeting, we talked about the architecture again and our goal for the next week is to perfect the architecture of our project. It took a bit of time to get our architecture working properly but we got it working.

Diagram

Description automatically generated

**Graphical user interface, text, application, chat or text message

Description automatically generated**

Week 3

As We went to work on the project we ran into some problems. We realized that the scope we set out is a lot more difficult than we anticipated. Eoghan worked on connecting phones using NFC and then realized it’s a lot more difficult to connect the phones using expo and react native. Emma worked on creating the database on the mongo website, but it was difficult to do until the react native side was set up.

In Our weekly meeting with our supervisor we talked about the problems we were having with the nfc connections between phones. Our goals for the next week Is to Clarify our working architecture.

**Graphical user interface, text, application, chat or text message

Description automatically generated**

Week 4

This week we worked on the connection between phones using nfc as we were having problems with it.

In our meeting we talked about how our project is developing and our goals was to verify a working nfc connection.

Graphical user interface, application

Description automatically generated

Week 5

In our meeting this week we talked about the direction our project is going in. Our goal for the week is to set up mongo database with our app and to properly connect phones using nfc

Graphical user interface, application

Description automatically generated