Interdisciplinary Project  
**Note Tracking app Project Proposal : V1.1**

A mixture of Note tracking meets a calendar horizontal line

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## Overview

During the course of the last 4 weeks we discussed problems we are faced with everyday. One issue which we dealt with every day was the organisation of class material, in particular class notes. This is a problem for almost every student and while there are plenty of timetable apps and note taking apps available on the Google and Apple app stores there are none which properly merge these two essential tools.

Our idea is to create an app which will keep a record of your class timetable, alert you when you have an upcoming class, and allow you to takes notes on the class, all within the same app. As the app knows which class you are in, it will automatically store the note under that class’ notes (E.G. ‘Interdisciplinary, 3PM 4/10/2015’). This solves a number of problems including but not limited to:

1. Note Organisation
2. Class Attendance
3. Productivity
4. Time Management
5. Project Planning

## Project Aim

We intend to develop and create a multifunction platform (one app across different devices) that will allow a user (student in this case) to input their timetable (college classes) that will follow them in real time and over the duration of the semester i.e. Timetable Week 4.

The app will alert the user when their class is about to start with the details of where the class is.

Once in class, when the user can input notes, the app will pre select the subject as the current class on the time table, a feature which the end user will have the ability to change. As soon as the class or note taking is finished, it will automatically store the notes under that that particular subjects class’ notes section (E.G. ‘Interdisciplinary, 3PM 4/10/2015’).

Once connected to wifi the app will cross sync the notes taken and timetable information to an online database and sync to other devices which are online. The app will convert the notes taken into PDFs to read at a later time.

We endeavour to develop both a desktop and mobile version of this application. Gathering feedback on our design and features are vital to see the success of this application and will be conducted further along this process.

To help with productivity, the timetable which is following the student along the course of the semester will also be used to highlight important deadlines and meetings that are upcoming to the user.

We plan to get feedback on our design for features for the app by publishing surveys and developing focus groups along with personas . This way we allow for cluster free app and more straightforward to use design.

## Background

The life of a student comes with many challenges that can sometimes be hard to overcome; Constant timetable changes (and not knowing about them), running late for class, not knowing where your next class is - having to check for room numbers, carrying a tonne of books for all your different subjects, losing your class notes or not being able to decipher your own handwriting of these class notes! It would be handy if you could eliminate these problems with just one program. An application that works in harmony with your timetable. At the moment you can download and use several different programs/applications but that is simply just spreading the problem even further.

## Objectives

We plan to create and develop

1. A cross platform app that will cross sync information (app to desktop etc)
2. Clean, modern, easy-to-use interface.
3. Alert users before their class is about to start.
4. Users can input their timetable
5. Notes into pdfs
6. Fix the problem of organizing notes through innovative design
7. Easy to use for the visually impaired

Design

1. Mobile application - Brie Lloyd-Evans
2. Desktop application - Peter Bohane

Code/Markup

1. Convert Designs /Cut up pages : By Robert Gabriel
2. Hook up to database (Firebase App) : By Robert Gabriel

## Technical Specs

**Support Devices :**

1. Android
2. Web browser (Chrome 40 + , Firefox, safari, edge)
3. Windows Phone.
4. IOS (At a later date)
5. PCs + Mac

**Functional requirements :**

1. Usability (screens, view modes, menus, etc) and UI
2. Sign in / Sign up
3. App’s collaboration with the server, including detailed description of the app-server interaction mechanism, protocols and likewise data
4. Data caching for offline work if required
5. Push notifications
6. Import / Add timetable into app - customisation ability
7. Add notes and store by date, include time stamp
8. Compatibility / sync with With Cloud Server

**Unfunctional requirements :**

1. Colour/Theme customisation
2. Performance
3. Storage
4. Support for different network protocols
5. Battery usage
6. Media capabilities

# Survey Questions

# **Survey**

**Name**

**Age**

**Less than 13**

**13-18**

**19-25**

**26-35**

**36-50**

**Over 50**

**Prefer not to say**

**What's your job title if any**

**Unemployed**

**Part-time**

**Full-time**

**Self-employed**

**Student**

**Which of the Following Do You Use?**

Internet Explorer

Chrome

Edge

Firefox

Opera

Others

**Do you use add ons or themes?**

Yes

No

**What size is your phone screen ?**

5

6

7 inch

**What do you use more**

Wifi

Data

**Do you own any of the following ?**

android

Iphone

Windows phone

Other

**Do you have any of the following in the household?**

Smart Phone

Tablet

Other

Laptop

Games Console

**Do you use a notes tracking app**

Yes

No

Sometimes

**How much do you send on app?**

**less then 1 euro a week**

**I only download free apps**