

Software Engineering - Project Ideas

Student Organizer - App

Features

- **ToDo List & Calendar**
 - Scheduling (automated?)
 - Subcategorise
 - Uni schedule <- *my.bham API*
 - Canvas deadlines <- *Canvas API*
- **integrated Wiki** for student life problems
 - Living alone / freshly moved out
 - Food / Cooking
 - Social (issues)
 - Sleep
 - Health & Exercise
 - Formalities (Banking, GP,...)
- **Mental Health Tracking**
 - Sleep (Reminders if not enough)
 - Hours of work / Work balance (Reminders if too much/not enough work)
 - Anxiety
 - ...
 - Reference to existing Mental Health support
- Google Maps integration

Implementation

- Android (easier as it can be developed both on Windows and Unix) extendable: iOS (difficult on non-macOS)

Safety Requirements

- Email and (strong) password
- Encryption of sensitive data over hashing (SHA-1?)