MyJoe

Jack Hughes

Mail
Careers Network

Canvas
Assignment Graded
LI Team Project

Timetables
Lecture Starting Now
LI Models of Computati…

Mail
IT Service Desk

Canvas
Assignment Created
LI C/C++

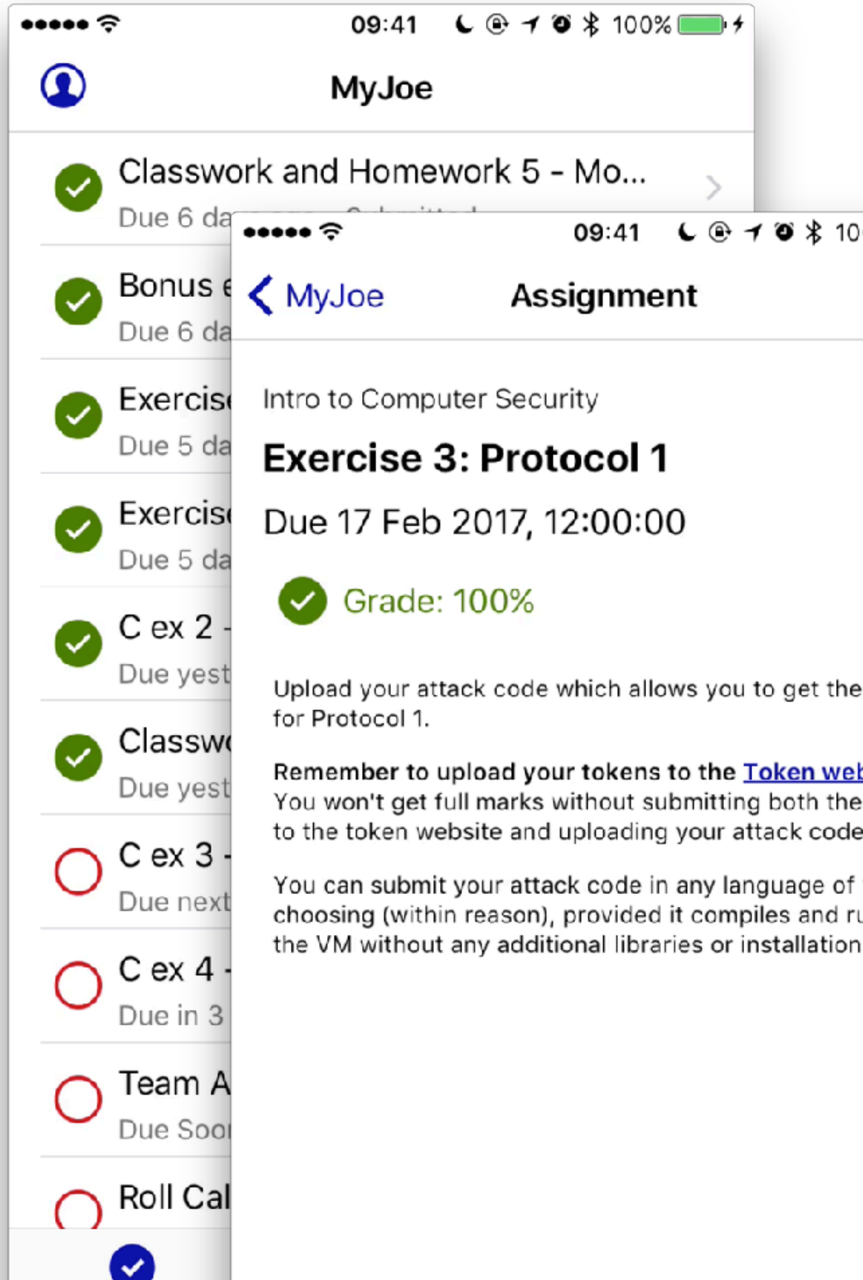
Library Services
Reservation ready for col..

Timetables
Lecture Starting Soon
LI Team Project

Mail
Careers Network

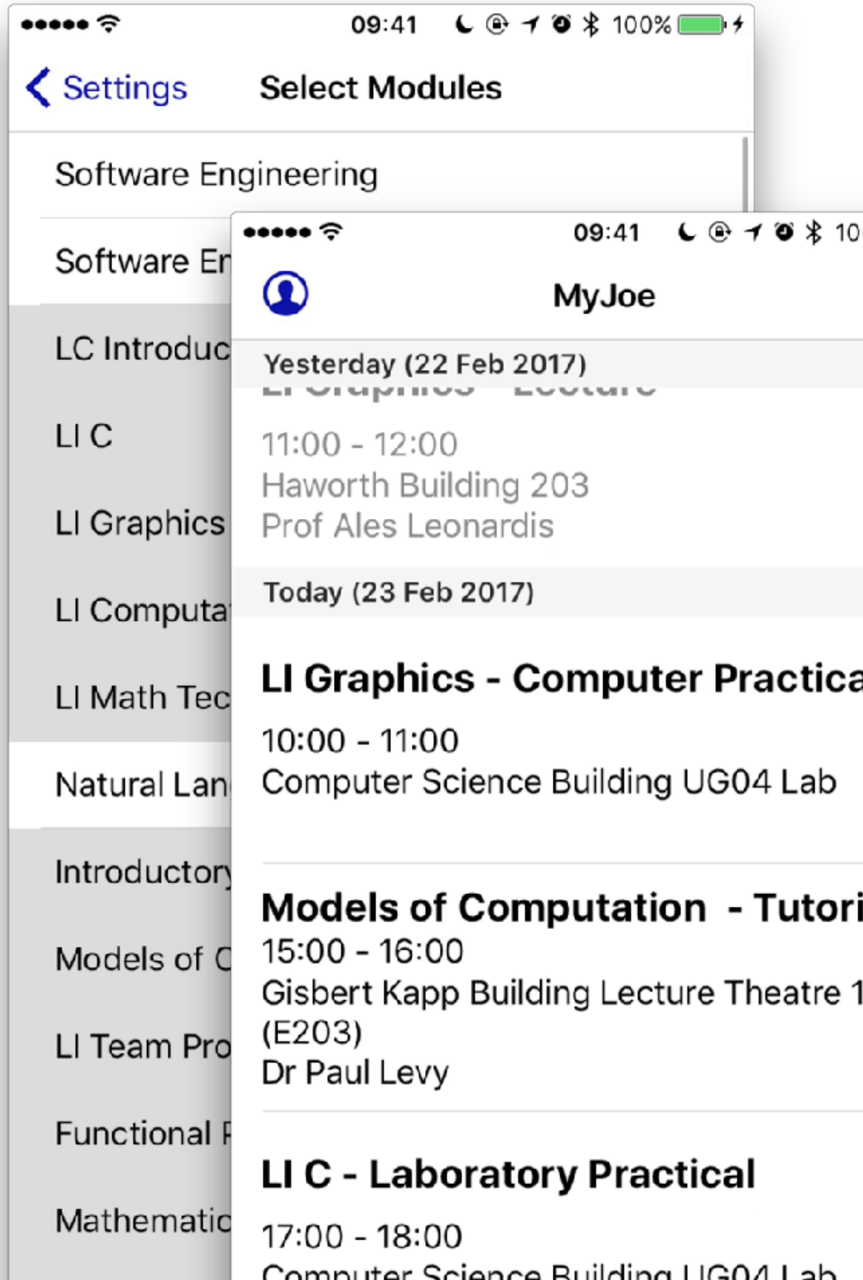
Canvas

- Helps you to keep track of assignments **to complete**, **completed** and **overdue**
- Shows assignment **grades**



Web Timetabling

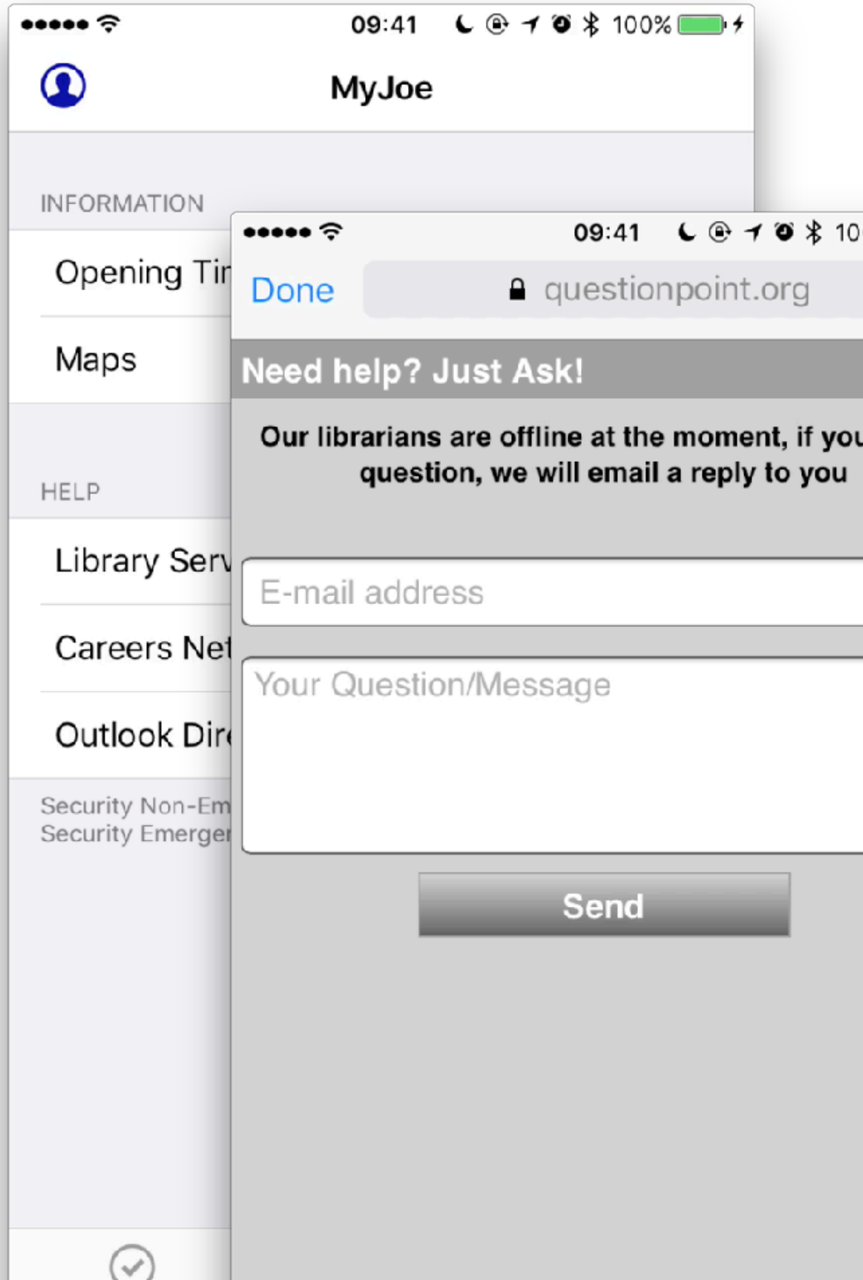
- **Fast access** to an **up-to-date** timetable - no need to rely on an old screenshot
- Options available to choose your programme and modules for customising the timetable



Library Services

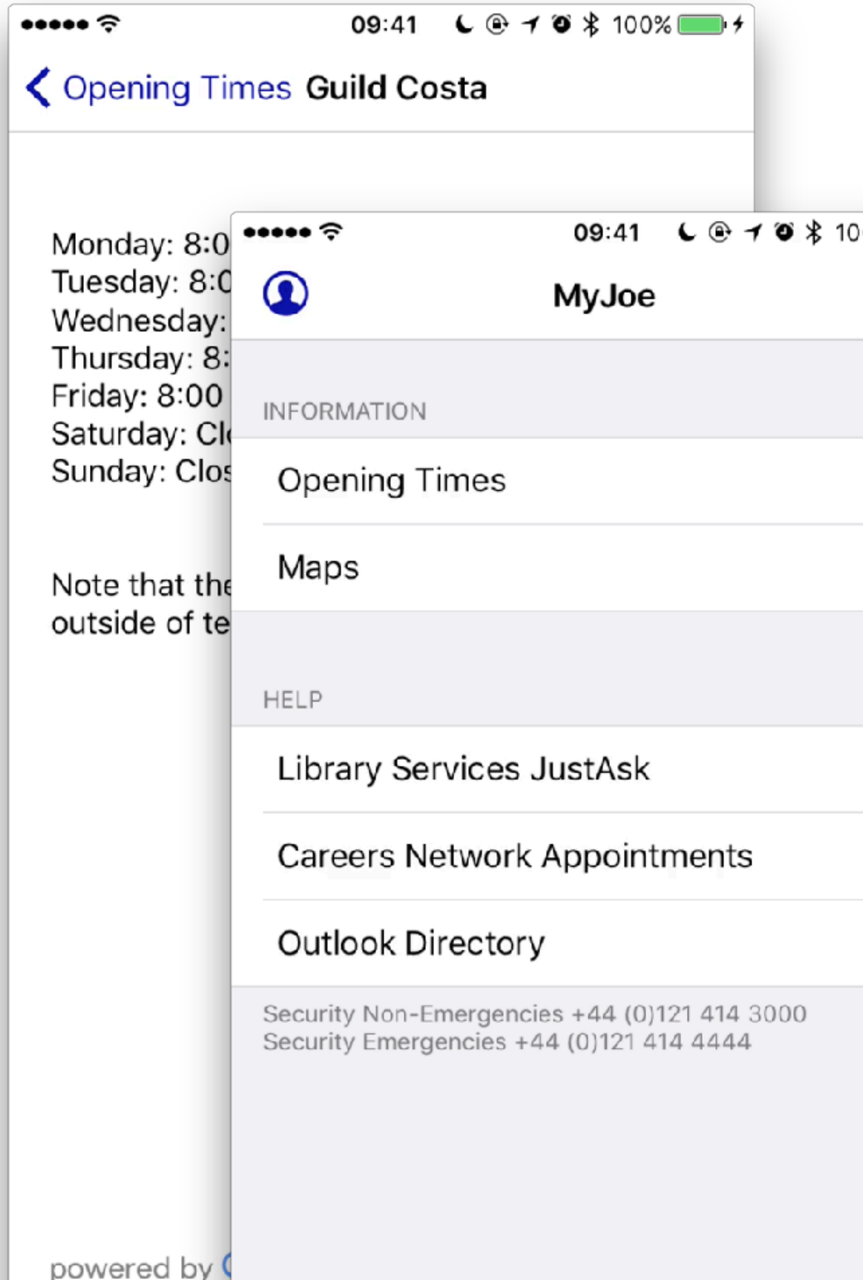
- Quick link to **Just Ask**, the chat service for asking about anything from your library account to book availability

- In a future version, I'd like to add current loans into MyJoe



Help & Support

- Opening Times & Maps
- Just Ask, Careers Network Appointments & Outlook Directory searching
- Emergency contact numbers for Security Services



Quick Technical Stuff

- Queries to the **Canvas API** require user-generated **API keys** (collected by running JavaScript on a Canvas page after asking the user to login)
- **No username/passwords stored on the device**
- **Web Timetables** data is obtained from **scraping** HTML from the timetabling website, to automatically select and parse the necessary data
- Source code is available on GitHub at github.com/jackhughesweb/BhamDashboard

Future Features

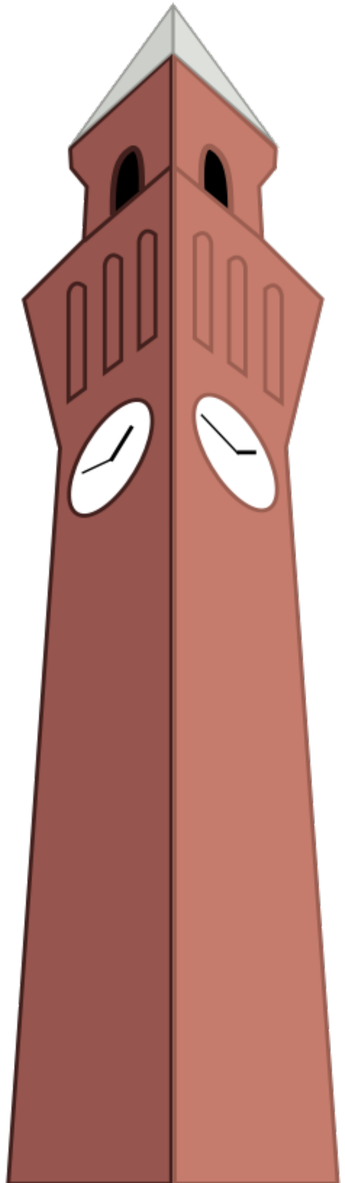
Add **Library Services** data for loans and reservation collections

Making the app **faster** and **more stable**

Create an **Android app**

Adding support for **emergency alerts** on campus

Notifications for £1 Domino's pizza at the Guild



MyJoe
Demo