

Aim

The aim is to create a medical reminder application for people to use on their mobile phones and tablets.

Objectives

- ❖ Research and compare medical applications
- ❖ Research how people currently organise their medication
- ❖ Research available methodologies
- ❖ Complete a specification for the application
- ❖ Research software that can be used to create the application
- ❖ Implement and design the application

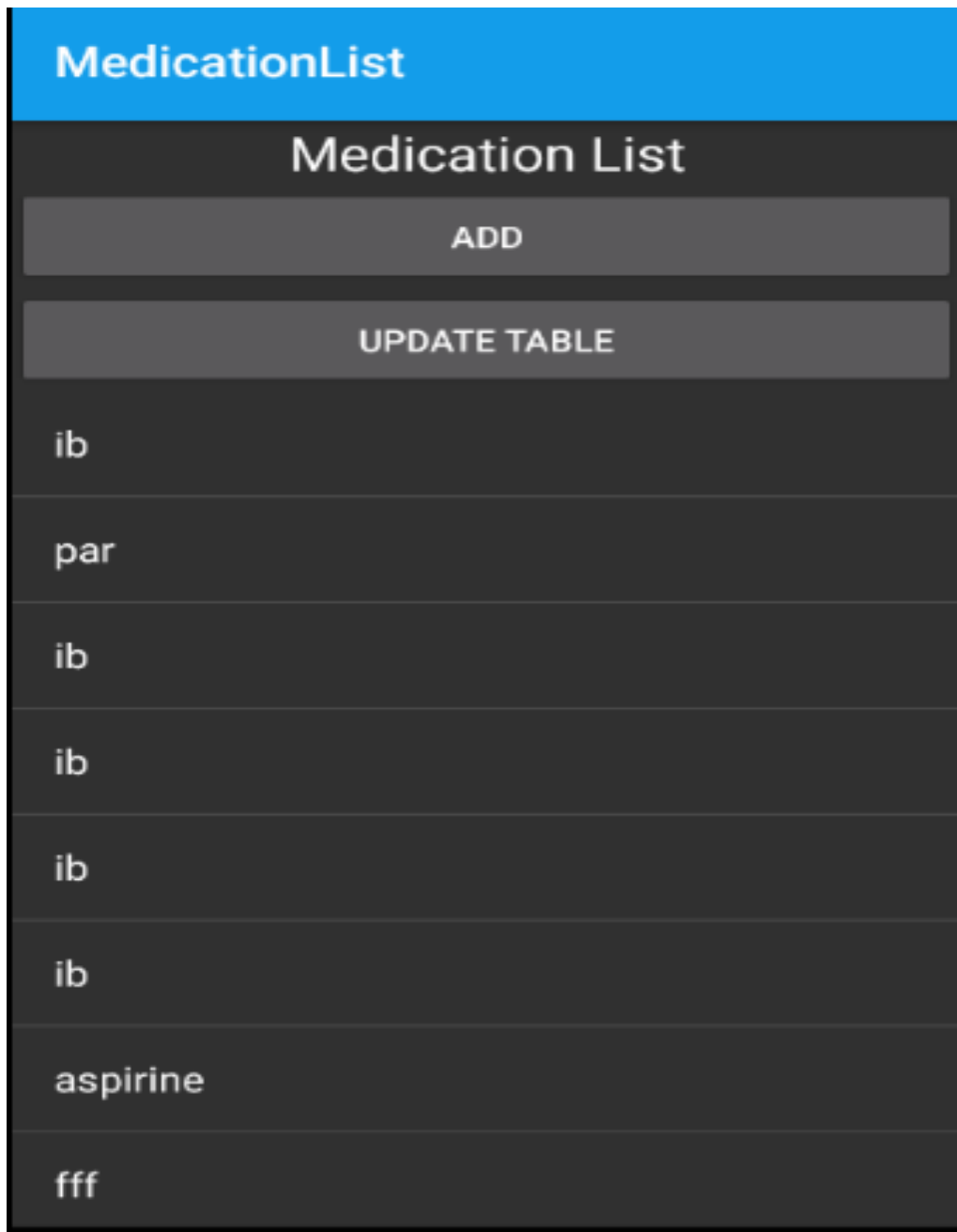
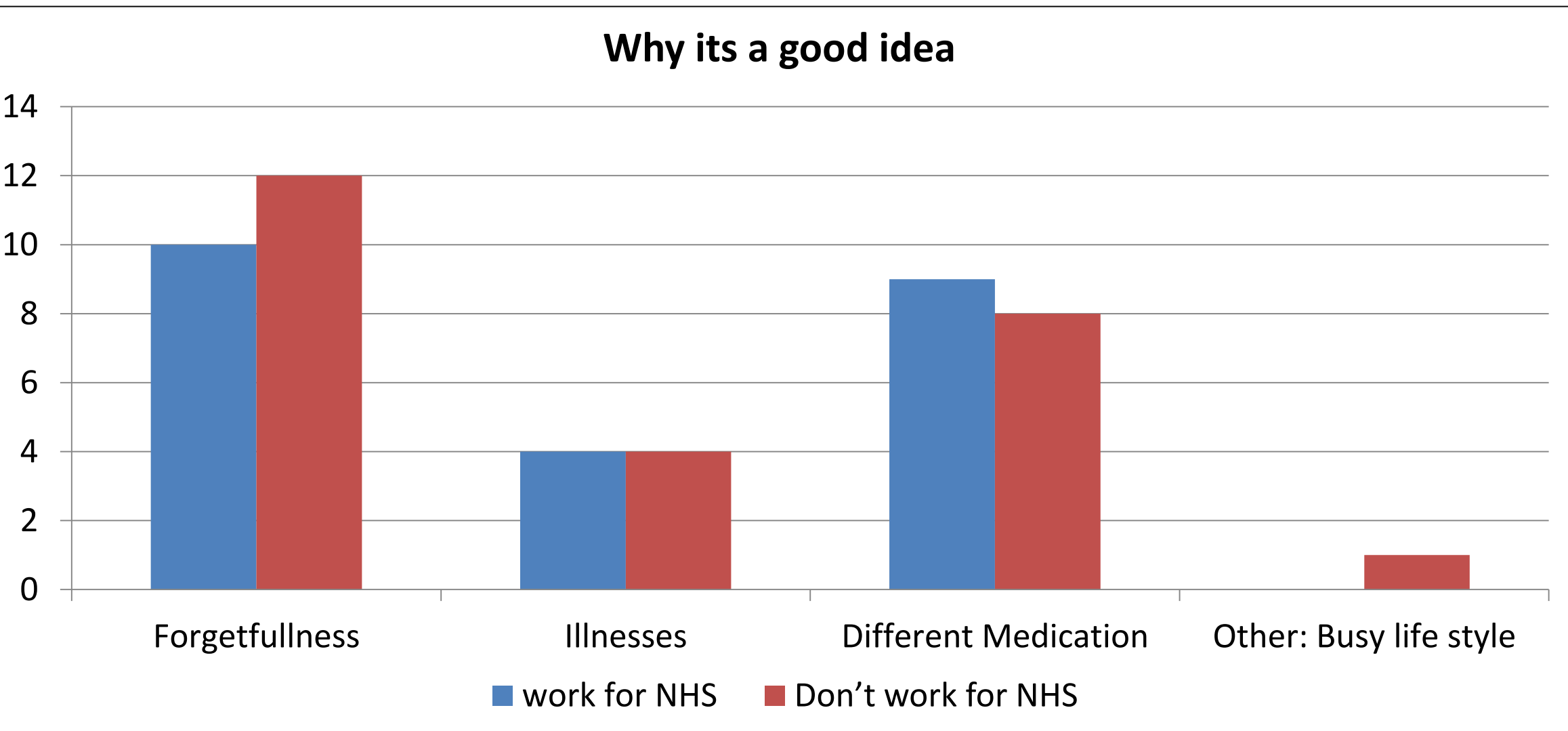
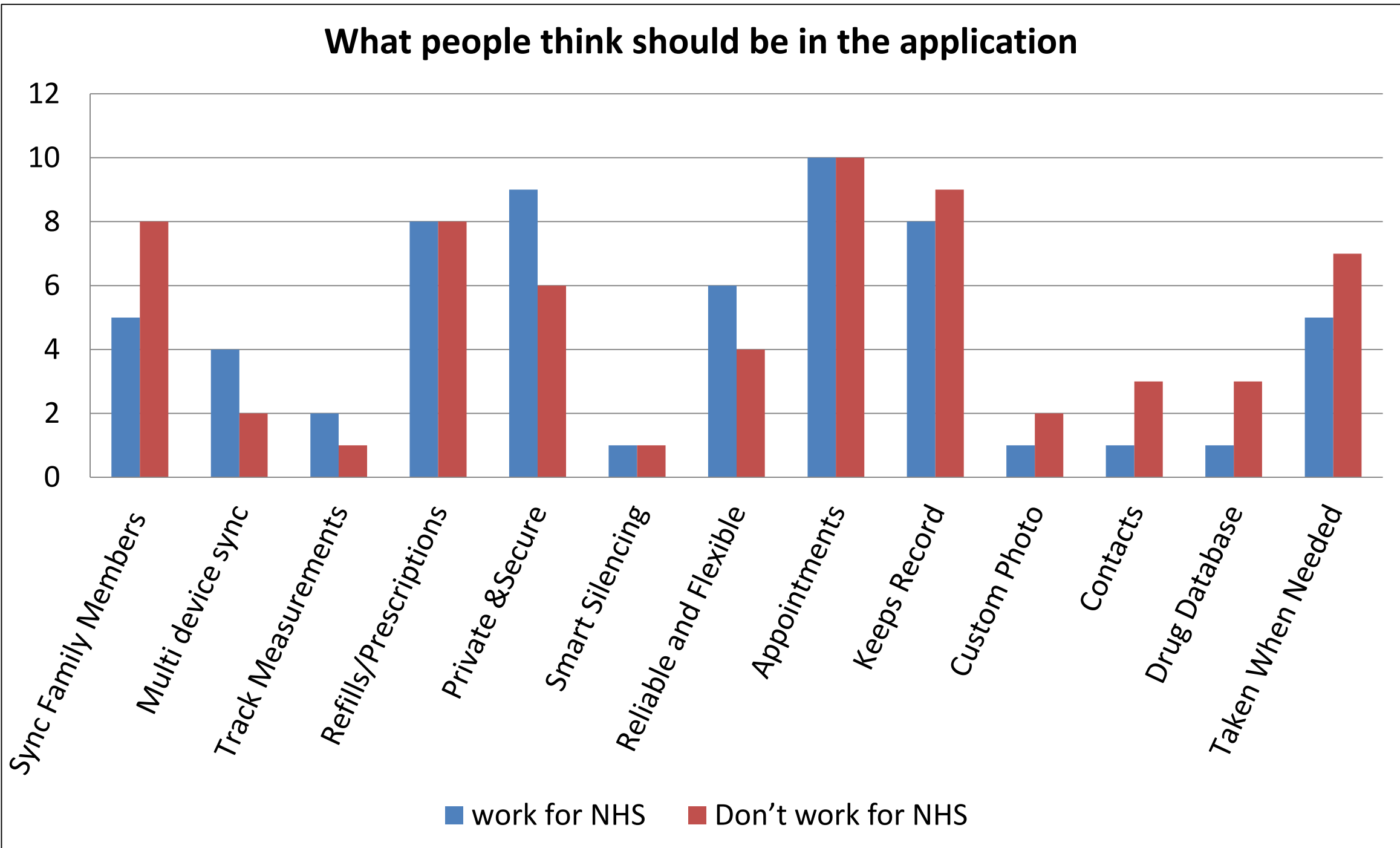
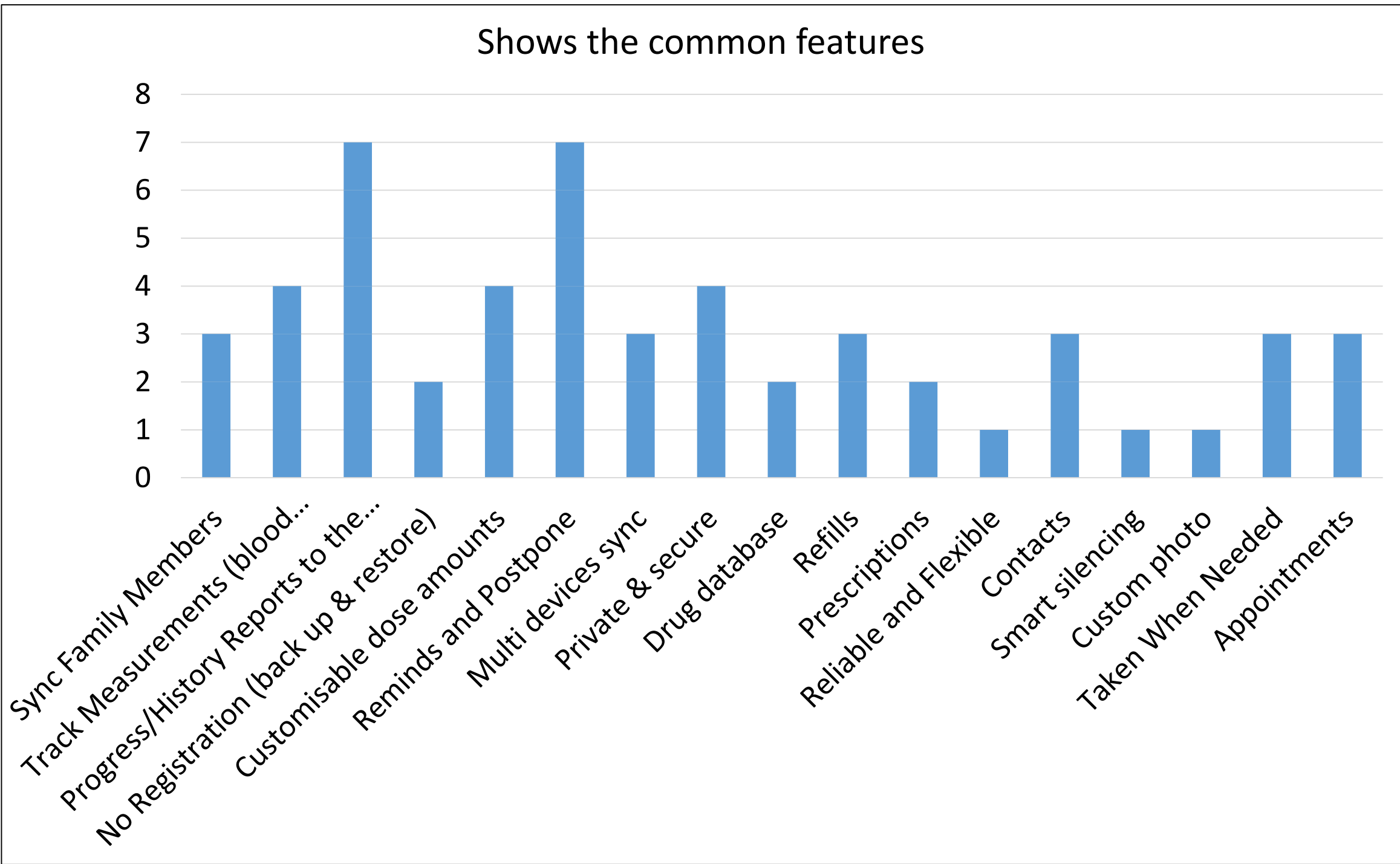
Medication reminders you can buy from your local pharmacy: -

- ❖ Tabtime Super 8 Daily Pill Timer
- ❖ MediMemo Weekly Pill Organiser
- ❖ Tabtime Vibe Vibrating Pill Alarm



Methodology chosen is RAD.

- ❖ Changing requirements
- ❖ Software Prototyping
- ❖ Progress can be measured
- ❖ Reduce development time
- ❖ Already been tested
- ❖ Reviews after each prototype



Design

- ❖ Designed paper prototype
- ❖ Had it reviewed
- ❖ Changes made to design

Software

- ❖ software is Xamarin, this is because it enables coding in C#
- ❖ C# is also an extension of Microsoft Visual Studio
- ❖ Xamarin is also free to download.

Implementation

- ❖ Unit/system/usability tested
- ❖ Using the likert scale the average overall for use was 4.6 for the application created
- ❖ Medication List and Appointment implemented

Conclusion

- ❖ There is room to expand the application, for it to have more features in the future
- ❖ Comparing the graph 1 and graph 2 there is a difference to what people what.

The knowledge gained from this project

- ❖ is how much time goes into completing research
- ❖ The experience of learning a new software programme in a short amount of time