DDD Group Project Brainstorming

# Brief

Design, Develop and Deploy a digital service or game related to your life as a

student on or off campus.

Computer Science / Software Engineering Version:

Consider all aspects of your life as a student. What aspects could be improved through the

introduction of a digital service. Note that sometimes the introduction of a poorly designed digital

service can make the experience worse, and some successful digital services rely on face-to-face

interactions in addition to digital support.

# Ideas

## Societies Social Media App

Connecting people and groups together

Track events going on between all societies

## Budgeting App

Assist students track their spendings and income.

Automatically tracking payments requires a licence so manual would be the only option.

## Calendar/Project Planner app

Some Students have difficulty knowing when to study or have busy schedules to fit study sessions in. Coursework ACWs provide recommended hours for an assignment as well as deadlines, this information could be used to inform a timetable for study hours. The App would consider multiple factors such as Personal events, Course timetable, Societies, Assignment importance and progression, and also free breaks between study. It could also recommend when to take breaks to maximise productivity.

## Recipe thesaurus

Students often have poor diets. Timetables leave little room for planning weekly recipes so an app could do this for them. Users would a digital “fridge” to track the ingredients they currently have. The app would recommend new ingredients to buy and quick and cheap recipes they can make with ingredients they have. Some other factors could be accounted for such as expiry dates, cost of ingredients, prep time, cooking proficiency, and portion size.

Social aspects of it, introduces cultural differences between people. Recipes sharing. Gather of people to eat. Track location

Come dine with me

## Group Study App

Students work well together but often don’t get to organise study times together. With students working together it will reinforce the studies and so by having all the students know where they are, students can form groups. Tracking the availability of spaces around campus can help with larger groups find spaces where they can be together as well such as when they have an online meeting, but all the students are in campus. It can encourage people to have a work buddy / groups to be with and helps with productivity as each of the students will be trying to keep up with each other in terms of progress. A student using the app could post where they are sitting in the library, for others to see and join them, or organise

Social aspects and disability needs

Creates more efficient space usage. Students in the library are unlikely to fill in a space of computer pairs with other students they don’t know so this stops groups of computers only having a single one in use.

## Flash Cards/Revision App

Create revision notes and flash cards

Keep track of student’s progress on different topics and emphasises the sections that they struggle with.

Maybe auto revision of subjects like Duolingo

## Lecture Notes Transcriber

Take a picture of lecture notes/ slides and store them in a text format

## Location Invite App

Enter current location e.g. At Weatherspoon’s or studying in the library for friends to join in