

Web App Development 2

Design Specification

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Overview

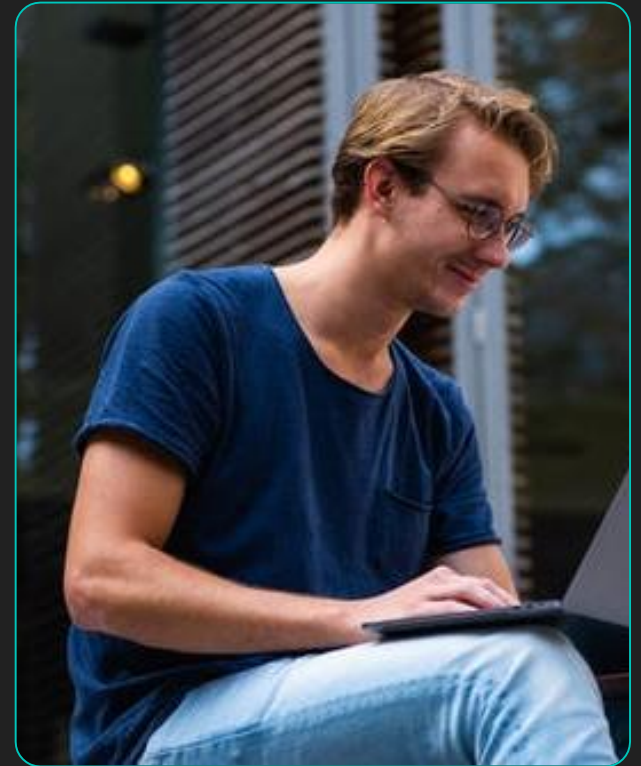
Our application is centred around the University of Glasgow's student societies and offers users services such as viewing, creation and the managing of society webpages and events. Society owners will be able to create a webpage for their society, including pictures and descriptions. They can also create and manage events organized by their society and sell tickets to other students. They will be able to manage members list. Students will be able to view the societies pages and register at new societies (e.g. purchase memberships). They will also be able to search for new societies, sign up for events, keep a timetable of upcoming events and purchase tickets online. There will be a section where people can share their feedback on past events.

Persona 1

This is Mark,

He is a computing science student at the University of Glasgow. He is so keen on what he studies that he is the founder of the computing science student society.

He needs a website where people can find out about the society and events organized by it. He needs to keep track of the students registered at the society, the events and be able to read their feedback on past events so that he can make improvements.



Persona 2



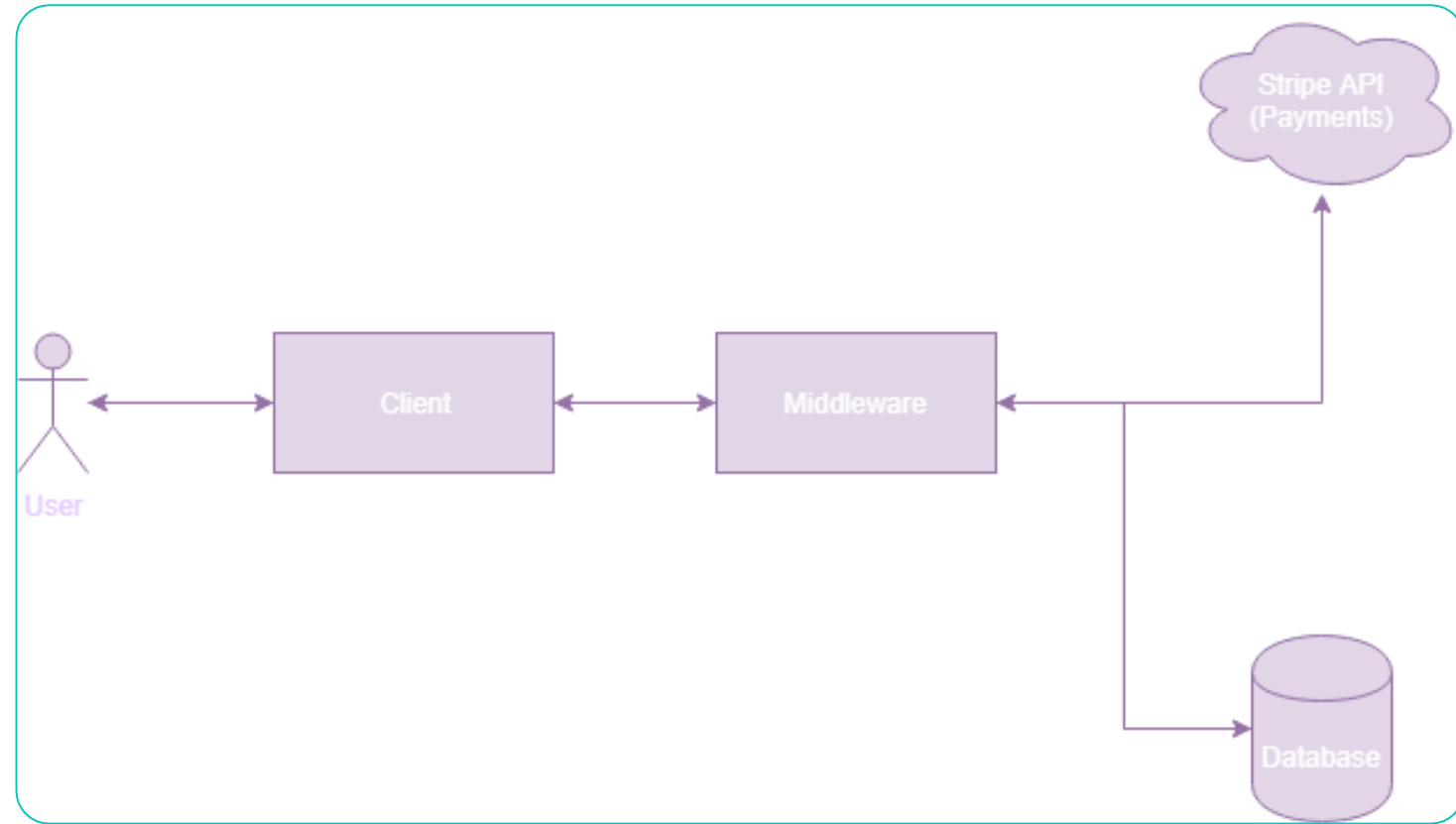
This is Olivia,

She is a philosophy student at the University of Glasgow. She has several interests and is registered in many university societies. She needs a website where she can easily explore new societies and their events, to meet new people with common interests. She is very busy, so she needs a clear timetable showing the events she is interested in, to help her organize her week.

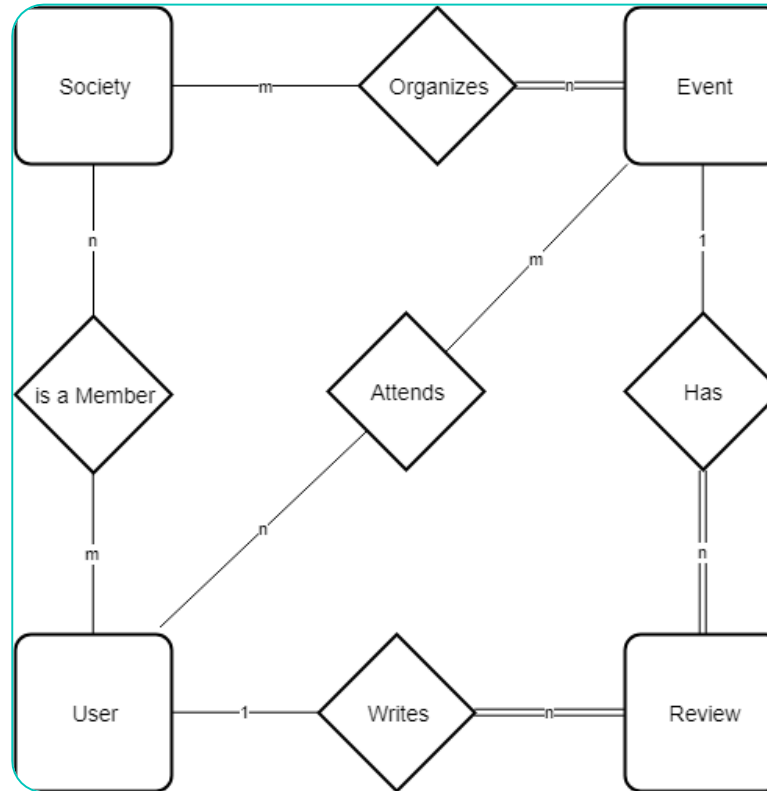
Specification

- User must be able to create, edit, delete, sign in and log out of an account.
- User must be able to view society pages and become a member of them.
- User must be able to sign up and buy tickets for events of the societies they are part of.
- User must be able to keep a timetable of upcoming events.
- User must be able to give feedback on past events he/she has assisted.
- Societies must be able to create a page including pictures and descriptions.
- Societies must be able to create, manage events and distribute tickets for them.
- Societies must be able to view and manage their members.
- Guests must be able to view societies and their events.
- Guests must be able to create a user account.

System architecture diagram



ER Diagram



Society
id: Default Django ID field
Name: CharField(30)
Description: CharField(2000)
Image: ImageField
Email: EmailField
Facebook: URLField
LinkedIn: URLField
Instagram: URLField
Twitter: URLField

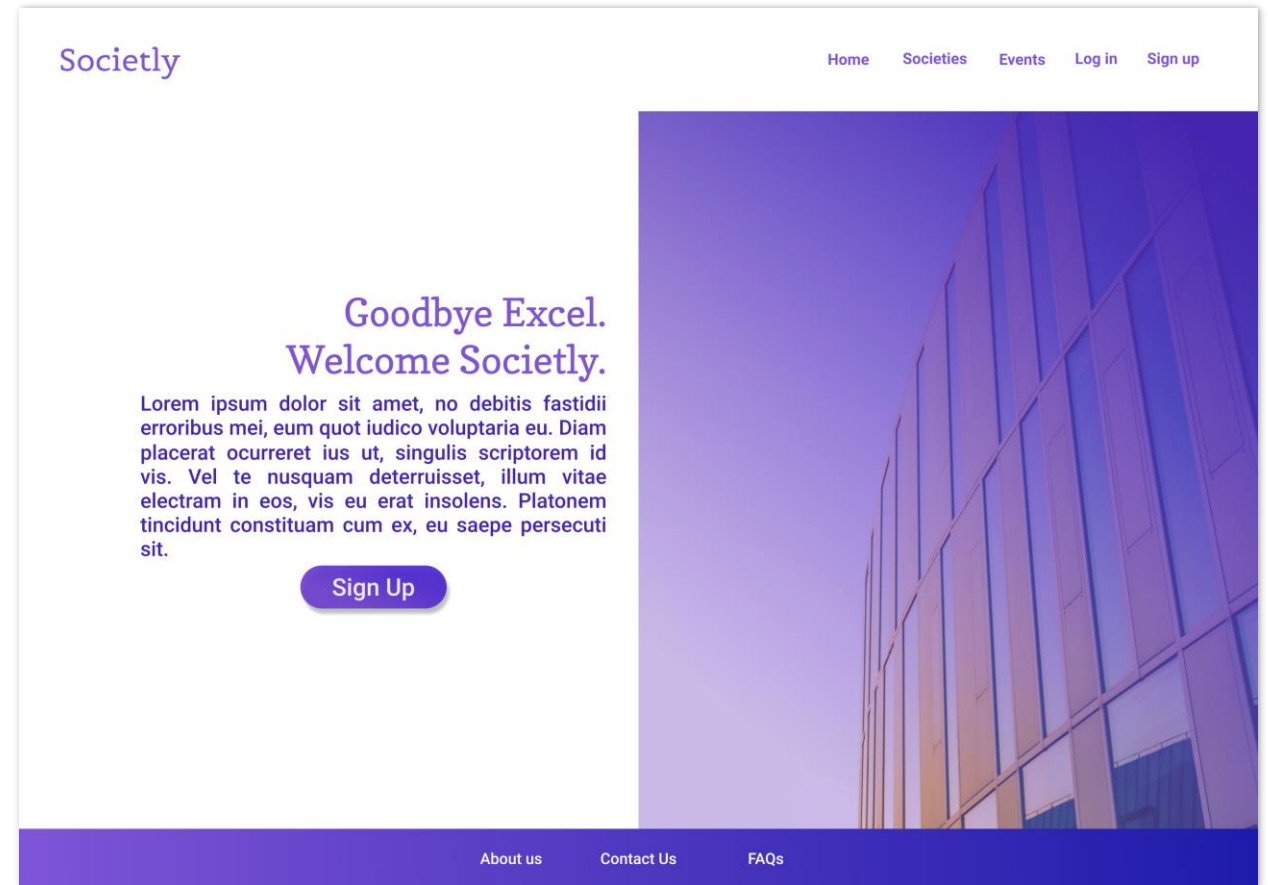
User
Matric#: CharField(10)
Username: CharField(30)
Password: CharField(256)
Email: EmailField()
Picture: ImageField
SocietyStaff: CharField(30)
Degree: CharField(30)
Name: CharField(30)
Surname: CharField(30)

Event
id: Default Django ID field
DateTime: DateField
Description: CharField(2000)
Image: ImageField

Review
id: Default Django ID field
Description: CharField(2000)
Rating: IntegerField

Wireframes


Home Page




Guests will be able to see the societies and their events but they won't be able to register for them.

Profile Page

Societyly

[Home](#) [Societies](#) [Events](#) [John Doe](#) 



John Doe

2310549a

BSc Mathematics

Memberships: 6

My Societies

Glasgow University Fintech Society

Glasgow University Trading and Investment Club

Glasgow University Maclaurin Society

See all

My Events

Glasgow University Fintech Society

Build your own trading algorithm - Workshop 3

Glasgow University Maclaurin Society

Maths Project Talk


Glasgow University Athletics Club


Weekly Training

See all

Society Page






Societyly

[Home](#)[Societies](#)[Events](#)[John Doe](#)



Glasgow University Fintech Society

The FinTech society is for students of ANY degree who are interested in the application of technological innovations not only into the financial sector, but also well beyond finance. The society aims to develop knowledge of FinTech-related topics (such as blockchain and digital currencies) among students, and gives them opportunities to develop useful employability skills too. This is achieved by students' cross-faculty collaboration and engagement with industry professionals.



Upcoming Events

Build your own trading algorithm - Workshop 3

26th February 2018
18:00

Women in Fintech, with Morgan Stanley

5th March 2018
17:45

Past Events

Build your own trading algorithm - Workshop 2

12th February 2018
18:00

Build your own trading algorithm - Workshop 1

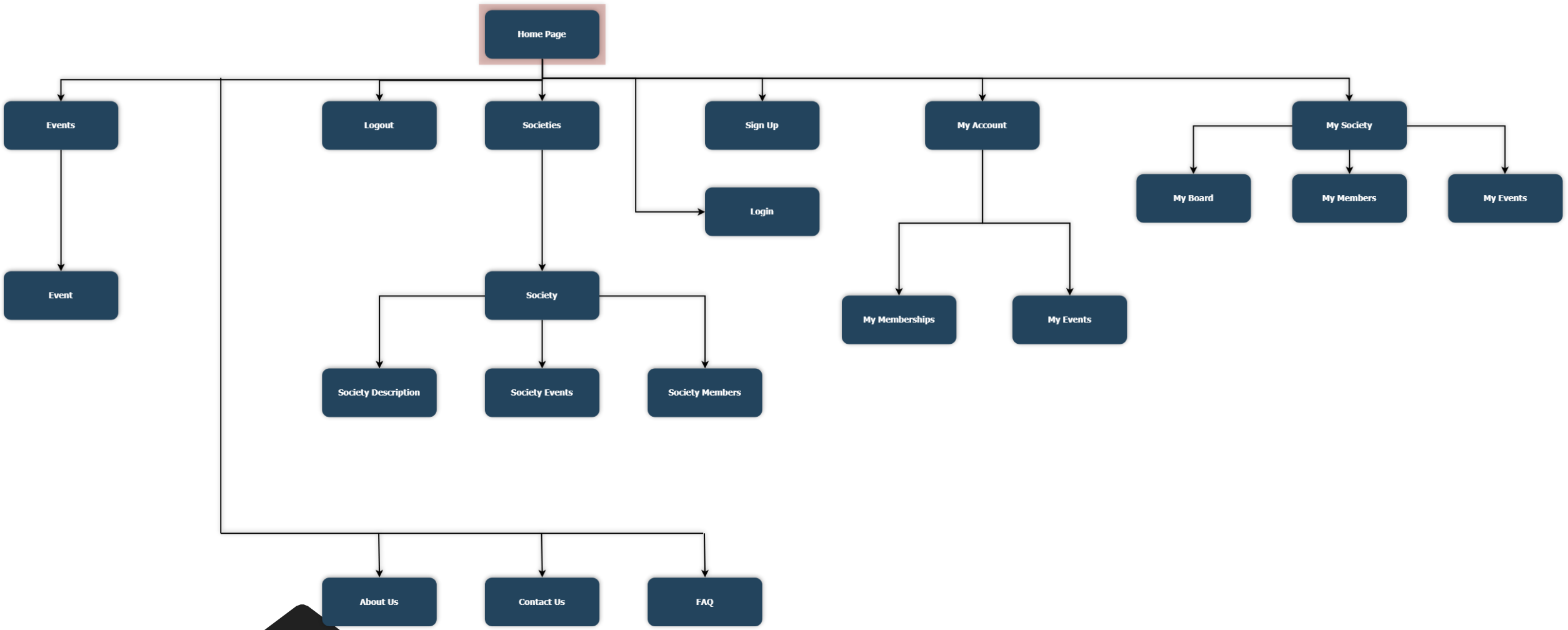
29th January 2018
18:00

Technology in Finance, with Morgan Stanley

6th January 2018
18:00

[See all](#)

Walkthrough



Site map

Site URL's

- /home
- /about-us
- /contact-us
- /faq
- /signup
- /logout
- /login
- /myaccount
 - /myaccount/mymemberships
 - /myaccount/myevents
- /mysociety
 - /mysociety/myboard (or myinfo)
 - /mysociety/mymembers
 - /mysociety/myevents
- /societies
 - /societies/trending (?)
 - /societies/society
 - /societies/society/info
 - /societies/society/events
 - /societies/society/members
- /events
 - /events/trending (?)
 - /events/event