



Homeless Project Scotland

Apps4Good is a project conceptualised and brought to life by three students at the University of Strathclyde. We are partnering with Homeless Project Scotland to improve homeless lives nationwide.



University of Strathclyde Glasgow

Our app enables Homeless Project to more effectively tackle homelessness in Scotland, reducing **poverty**, and **hunger** while improving **health**.

How it Works?



Pin Location of a Homeless Person



Store Securely in Firebase



Act on Incoming Reports



Vulnerable People Receive Support

Members of the public can use our app to pin the location of a homeless person they are concerned for. Our app will ask for a small amount of information which will equip volunteers to safely and effectively attend to reports. This information will be sent and stored in a secure Google Database. Volunteers will then be able to view and act on incoming reports through our volunteer dashboard.

28 882 Scottish households are homeless

Life expectancy is cut short to 44

They are 9x more likely to take their life

Homeless Project Scotland provides life-changing care to Scotland's vulnerable. They serve 55 000 litres of hot food annually across 144 soup kitchens.

APPS 4 GOOD

EMPOWERING CHARITIES WITH TECHNOLOGY

Key Objectives

- Develop an app which allows the public to pin the location of a homeless person.
- Develop a volunteer interface which enables quick and effective responses to app reports.
- Understand our end users' needs and follow a user centric design process.
- Test and measure software performance.

Our Story

We began volunteering on the Street Team in March 2022. A few months later, the founder came to us to help bring his idea for an app to life. Although we lacked skills in developing a mobile app, we ambitiously took the task on.

Since the project aligned with the UN's SDGs, we proposed that it ran as Strathclyde's first student lead VIP.

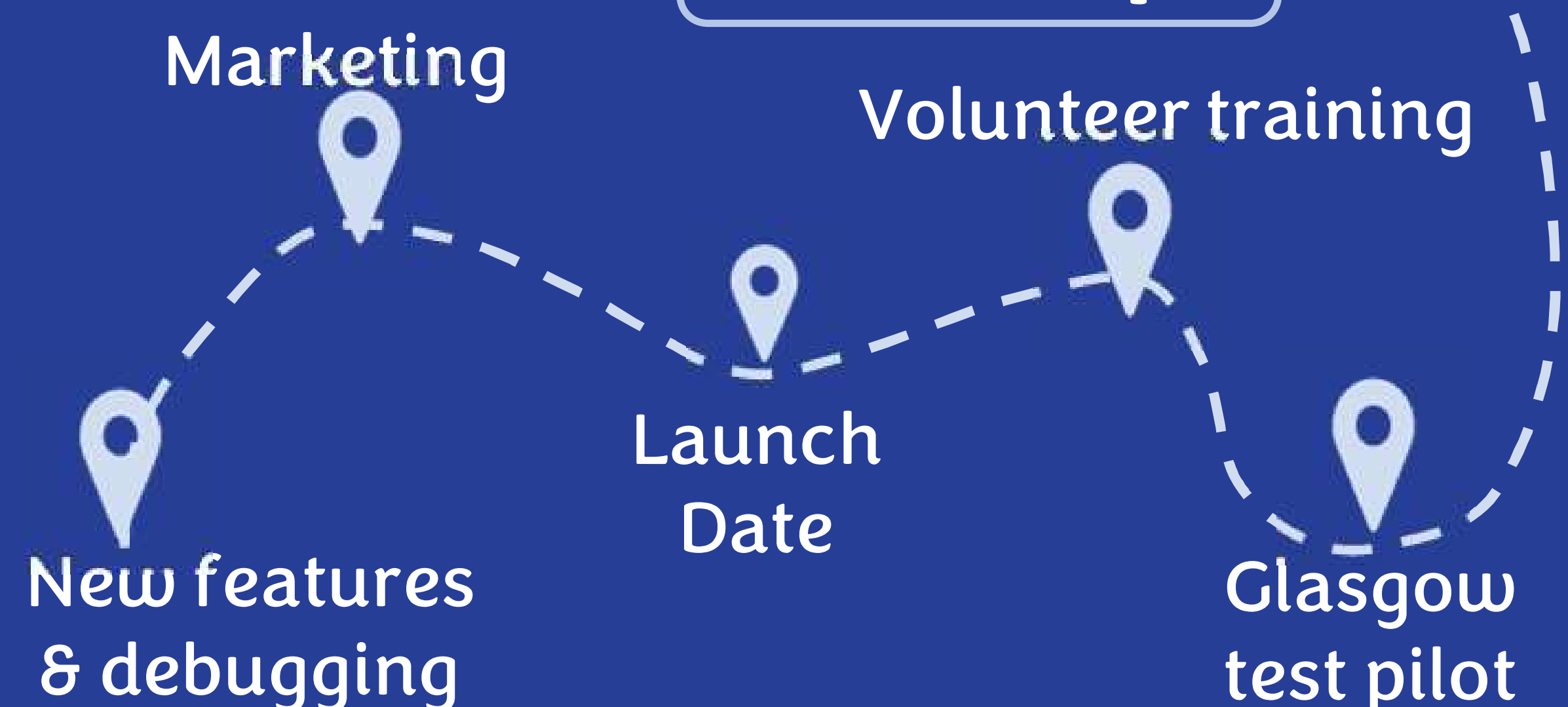
The Team: Scott, Hayden Sean & Chris



Progress

- We have developed a volunteer interface & mobile app, performing internal testing to measure and improve performance.
- Received feedback from end users during all stages of the design process.
- We have met with dozens of academics & industry experts to implement non-technical considerations: such as ethics, co-design and security.

Next Steps



Ask us to try the app for yourself!



NEW MODELS
Engineering Academics Network
Annual Congress 2023

