

Technical Documentation

Project Name: TeamUp

Team Number: 11

What We Built

We built a website that helps students of the Coventry University find other people to engage in projects, games, hangouts, etc.

Technologies Used

- **Programming Language:** HTML, CSS, JavaScript
- **Framework:** React, Node.js, Next.js
- **Database:** Firebase Firestore
- **Other Tools:** ChatGPT, Figma, Canva, OpenAI API, VS Code

How to Run Our Project

Step 1: Go to the www.teamupcampus.club

Step 2: Log in

Step 3: Feel free to explore the UI and use TeamUp

Access the app at: teamupcampus.club

System Architecture

How it works: (Simple explanation)

The website is suited to help students find teammates for various engagements on the campus, so immediately after you open the website, you're met with a login page. Then, you can either fill in some information about yourself such as your major, hobbies, achievements, skills, or surf the main page in search for desired activity, which would be announced by a different person within the community posting system (else you can create a post yourself if you already have something in mind). To communicate further,

you can comment that you're interested and share your email/other messenger username.

Key Features (Technical)

1. **Feature 1:** Announcements (about recent recruitments opening up)
2. **Feature 2:** Comments (to negotiate about the messenger people going to use to continue the discussion and work onwards)
3. **Feature 3:** Profile fill-in (to share your achievements, skills, education information and personal interests)

Code Structure

Main Files:

- index.html
- main.js
- styles.css

Database Design

Tables/Collections:

- users
- posts
- profiles
- announcements
- projects

APIs Used

- OpenAI
- Firestore auth

Known Issues

1. Profile is not yet changeable
2. Difficulties setting authorization process right

GitHub Repository

Link: <https://github.com/karinarcp/team-up>