

# Team

## <Code Raiders>



Our team consists of four Computer Science students with diverse pathway specialisations, bringing a unique blend of skills to our project. Here's a detailed analysis of each team member's skills and weaknesses for development.

### Sahil (2312257) – Project Manager & Security Specialist

**Pathway:** Cybersecurity

**Skills:**

- Strong communication and team-building abilities essential for effective leadership and collaboration.
- Proficient in project planning and task management.
- Understanding of cybersecurity principles, enabling risk assessment and mitigation.
- Knowledge of coding supports meaningful discussions with the technical team.

**Weaknesses:**

- May find it hard to delegate tasks to teammates.
- Struggle with Time Management.

- Sometimes focuses too much on technical details rather than managing.

## **Aayush (2307699) – Front-End Developer & Data Analyst**

**Pathway:** Data Science

**Skills:**

- Proficient in front-end development, including **HTML, CSS, JavaScript, React** and frameworks like **Bootstrap**, enabling the creation of responsive and user-friendly interfaces.
- Knowledge of development tools including **Version Control Systems (Git)**, and experience with JavaScript libraries like **jQuery**.
- Expertise in designing user-centric interfaces with strong attention to usability and design principles.
- Analytical thinking and statistical skills provide support for data-driven project features.
- Proficient with data visualisation tools like **Chart.js, D3.js** and **Recharts for React** useful for presenting project data interactively.

**Weaknesses:**

- Gets stuck trying to make things look perfect.
- Might spend too long on small design details.
- Needs to improve time-boxing for tasks.

## **Saif (2315033) – Back-End Developer & Database Administrator**

**Pathway:** Web Development

**Skills:**

- Proficient in back-end technologies, including **Node.js, Java** and **Python** for server-side development.

- Strong understanding of **database management** with tools like **MySQL**.
- Skilled in developing and integrating RESTful APIs to connect front-end and back-end systems.
- Familiarity with version control systems (**Git/GitHub**) for collaborative coding.

#### **Weaknesses:**

- Often struggles to balance multiple deadlines.
- Sometimes procrastinates on starting new tasks.
- Task initiation and planning.

#### **Sudarshan (2208259) – Tester, Full-Stack Developer & All-Rounder**

**Pathway:** Cybersecurity

#### **Skills:**

- Proficient in **full-stack development**, including front-end skills (**HTML, CSS, JavaScript**) and back-end expertise (**Python, Node.js, Java**).
- Strong database management knowledge using **MySQL** and **SQLite** databases.
- Extensive understanding of cybersecurity, including vulnerability assessment and secure coding.
- Versatile and adaptable, capable of supporting any project domain when required.

#### **Weaknesses:**

- Balancing multiple roles may result in workload challenges without proper time management.
- gets overwhelmed when dealing with multiple deadlines.

- Task Prioritisation.

Our team has a unique advantage with two members from the cybersecurity pathway (Sahil and Sudarshan), who can guide security aspects of the project. Aayush's data science pathway will be valuable for any data-heavy features, while Saif's web development pathway ensures solid technical implementation.