Define the Project Scope and Stakeholder Engagement

**1-Project Scope:**

**Objective**:  
to organize a great hackathon where participants can collaborate, and learn. The event will include workshops, coding sessions, and mentorship support, with sponsors helping in marketing and boost hackathon financially.

**Key Features:**

* Venue: Book a venue with all the needed facilities like seats, Internet, and needed equipments.
* Workshops and Coding Sessions: Plan a schedule for workshops and continues coding time.
* Sponsors: Work with sponsors to provide funding, resources, and prizes.
* Mentors: Make sure participants have access to mentors for guidance.
* Judging and Awards: Arrange a judging panel and prizes for the best teams.

**Constraints:**

* The budget is $15,000.
* The event will last 48 hours.
* We depend on available resources like mentors, sponsors, and equipment.

**2-User Stories:**

1. As a participant, I want access to available mentors so I can get help.
2. As a mentor, I want to see the participant list so I can prepare to help them better.
3. As an organizer, I want to get sponsors to fund the event and provide prizes.
4. As a sponsor, I want my brand to be visible so I can promote my company.
5. As a participant, I want fast internet so I can work without interruptions.
6. As a speaker, I want to see the schedule so I can plan my session.

**3-Stakeholder List**

1. Participants: People attending the event to create projects.
2. Mentors: Experts who help participants with their projects.
3. Sponsors: Companies providing money or resources for the event.
4. Speakers: People leading workshops or talks.
5. Organizers: The team managing the event.
6. Vendors: Suppliers for things like food, equipment, and the venue.

**4-Communication Plan:**

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| Stakeholder | Method | Frequency |
| Participants | Email, in person | real-time during the event |
| Mentors | Email, in person | Weekly, real-time during the event |
| Vendors | Email, Phone | Daily |
| Sponsors | Email, Zoom | Every two weeks |
| Speakers | Email, Phone, in person | Weekly, real-time during the event |
| Organizers | Slack, Meetings | Daily, real-time during the event |