

# HACKVERSE 2025

## TITLE PAGE

- **Problem Statement ID – 3**
- **Problem Statement Title-** Hackathon Hosting Platform – Devnovate
- **Theme-** Web 2.0
- **PS Category-** Software
- **Team ID-**
- **Team Name (Registered on portal)-** Web Warriors

# IDEA TITLE

## ➤ What is Devnovate?

- A hackathon hosting platform.
- Organizers can create and manage hackathons.
- Participants can register, form teams, and submit projects easily.

## ➤ How It Addresses the Problem?

- Simplifies Hackathon Management.
- Seamless Registration & Team Formation.
- Project Submission & Evaluation.
- Live Updates & Community Engagement.
- Scalability & Security.

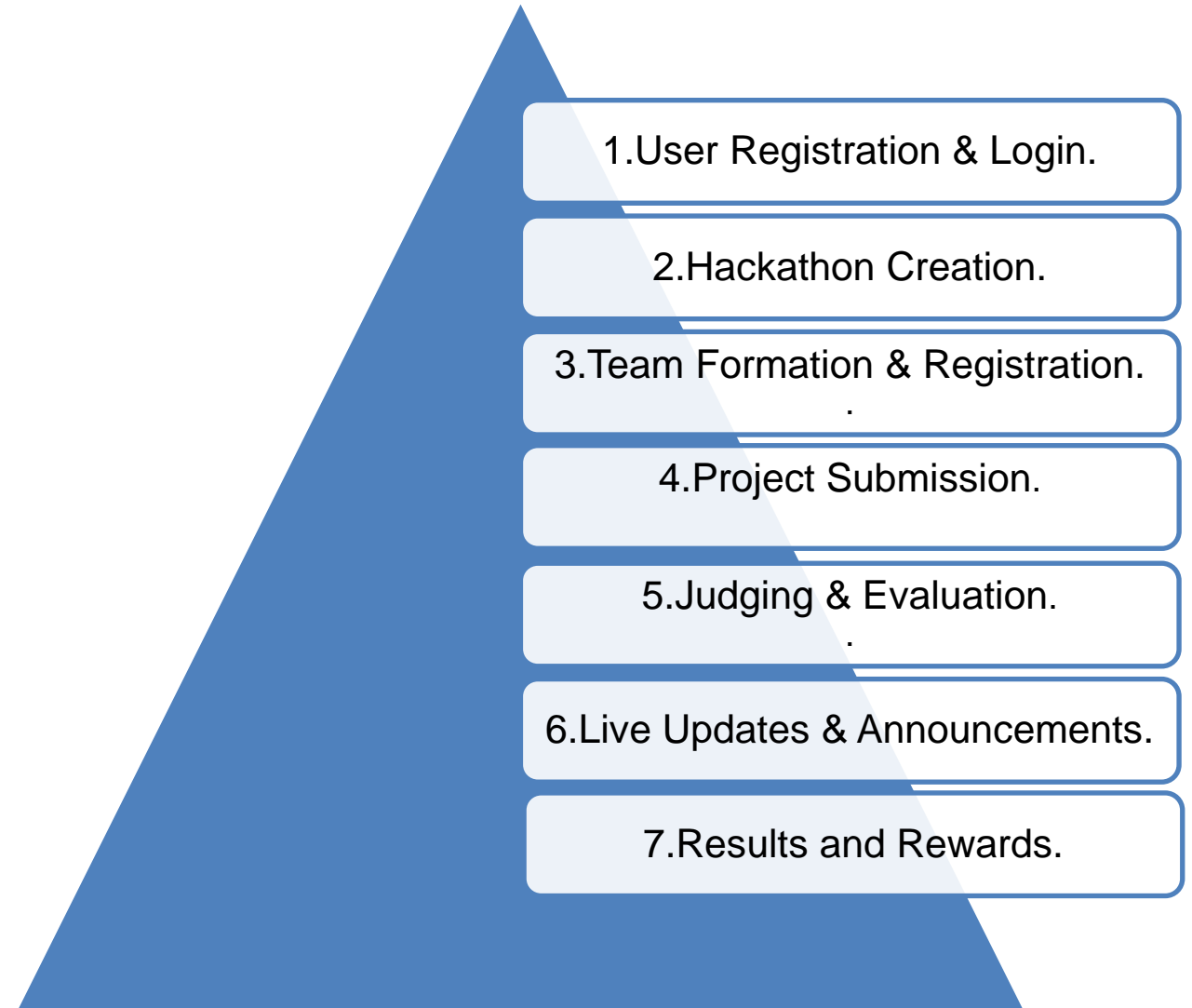
## ➤ Innovation & Uniqueness of the Solution:

- All-in-One Platform.
- AI-Driven Judging.
- Gamification & Leaderboards.

# TECHNICAL APPROACH

## ➤ Technologies to Be Used

- **Frontend** – React.js (for interactive UI).
- **Backend** – Node.js with Express.js (for server-side logic).
- **Database** – MongoDB (to store user and hackathon data).
- **Authentication** – Firebase/Auth0 (for secure login).
- **Cloud Storage** – AWS S3 (for project submissions)



# FEASIBILITY AND VIABILITY

## Strategies to Overcome Challenges

### ➤ Feasibility of the Idea

- **High Demand** – Growing hackathon culture worldwide.
- **Scalable Model** – Cloud-based architecture for expansion.
- Sponsorships, premium features, and ad.
- Well-supported open-source tools.

### ➤ Potential Challenges & Risks

- Attracting organizers and participants.
- **Security Issues.**
- **Fair Judging.**
- **Scalability** – Handling large-scale hackathons smoothly.

**Marketing & Partnerships –**  
Collaborate with universities & tech firm.

**Strong Security Protocols**

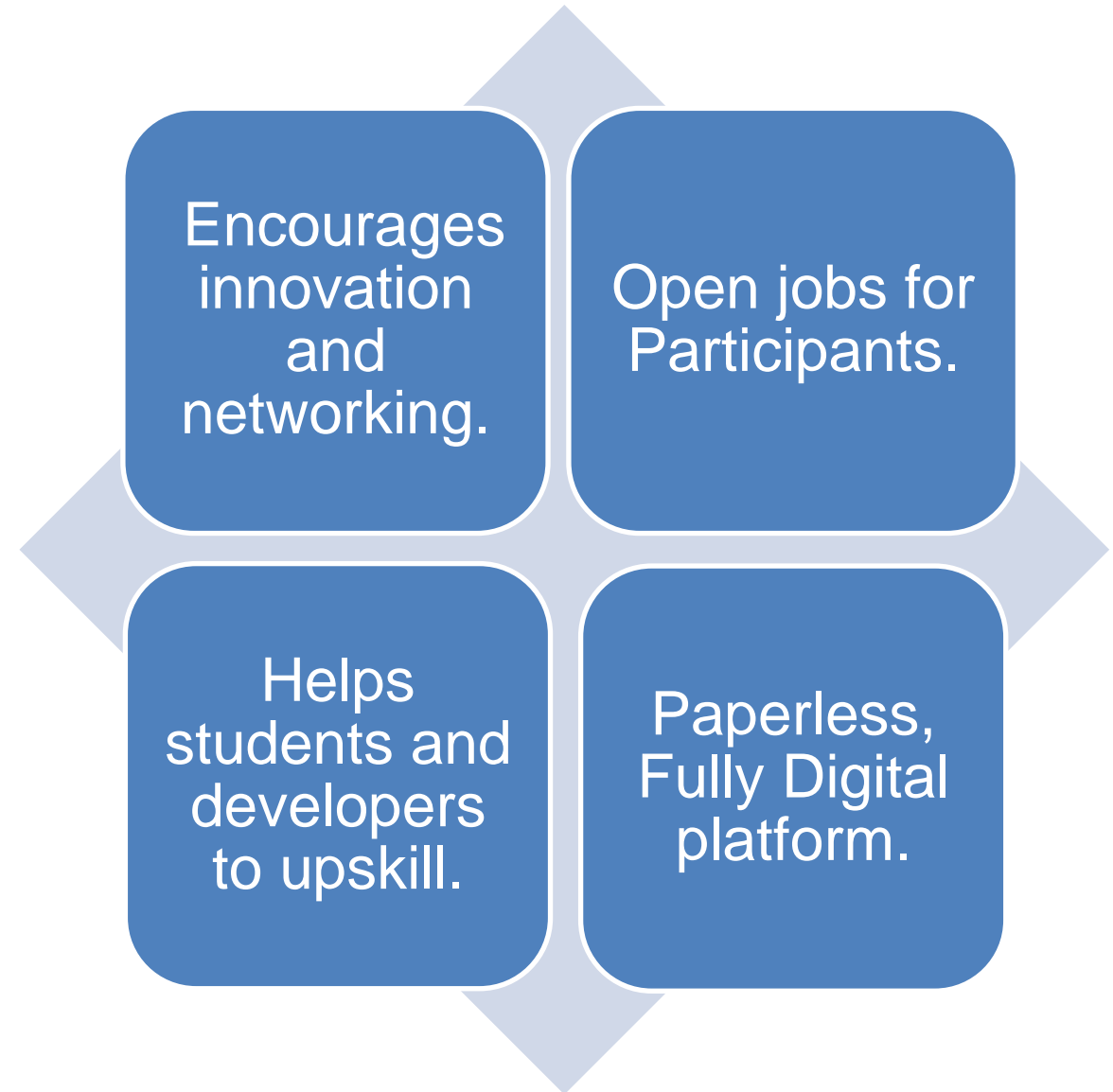
**Hybrid Judging Model –** AI-assisted evaluation + human judges.

**Robust Cloud Infrastructure –**  
Auto-scaling for large traffic.

# IMPACT AND BENEFITS

## ➤ Potential Impact on Target Audience

- **For Organizers** – Easy-to-use platform for hosting hackathons.
- **For Participants** – Seamless registration & project submission.
- **For Judges** – Transparent evaluation & AI-assisted scoring.
- **For Sponsors** – Better visibility & engagement with tech talent.



# RESEARCH AND REFERENCES

<https://www.hypeinnovation.com/solutions/hackathons>

<https://smartdev.com/case-studies/a-cutting-edge-hackathon-platform-for-innovative-collaboration/>

<https://angelhack.com/case-study/ubs-innovation-and-employee-engagement/>

<https://github.com/shadowctrl/Hackatank>