

# CODESPRINT X

## PROTOTYPE GUIDELINE BOOKLET



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# Overview

The **Prototype Phase** is the second and most crucial stage of CodeSprint X. Teams that advance from the Ideate phase are required to build a **Minimum Viable Product (MVP)** based on the concept they proposed. This phase focuses on translating your idea into a working prototype that showcases functionality, innovation, and technical feasibility.

# Timeline Overview - Prototype

APRIL 25TH

SUBMISSION OPEN

JUNE 18TH

SUBMISSION CLOSE

# Rules & Regulations

- All prototypes must align with the idea submitted during the Ideate Phase.
- Each team is required to submit the following three deliverables:
  - A 5–7 minute video demonstration of the product.
  - A ZIP file of the code (or GitHub repository).
  - A PDF document containing software instructions.
- IoT-based teams must also submit their hardware-related code in the ZIP file.

# Rules & Regulations

- All deliverables are required to be submitted before **June 18th 2025**.
- Submissions received after the deadline will not be accepted, and those teams will be disqualified.
- Only teams that submit all deliverables on time are eligible for the Technical Pitch.
- Any form of plagiarism or submission of rebuilt products will result in disqualification.
- All decisions made by the judging panel are final and must be respected.

# Deliverables

## ▶ Video Demonstration

- Duration: 5–7 minutes.
- A live product demonstration with a voiceover explanation is required.
- It should clearly show how the prototype works.

## 📁 Zipped Folder of Code / GitHub Repository

- Compress all source files, libraries, and scripts into a ZIP file.
- Alternatively, submit a GitHub repository link.
- Ensure the code is organized and properly documented.

## 📘 Software Instructions Document (PDF)

- A step-by-step guide explaining how to run and use your software.
- Rename the file as: <teamNumber>\_<teamName>.pdf

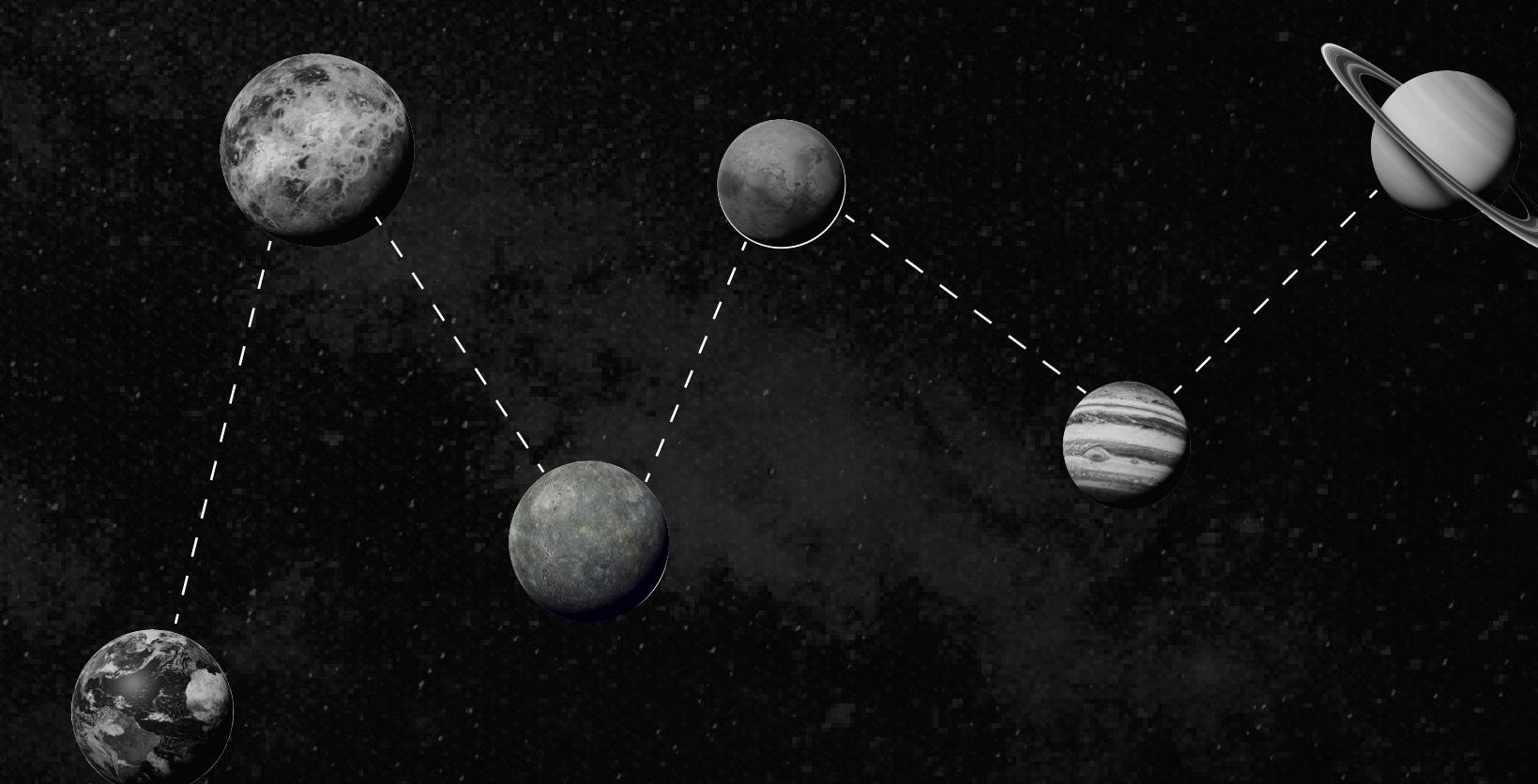
# Submission Instructions

- Upload the video to Google Drive or YouTube and ensure it is publicly accessible.
- Submit all three deliverables via the **Prototype Submission Form**.
- Only the team leader must submit the materials.

# Evaluation Criteria

The Prototype phase accounts for 35% of the total competition score. Projects will be evaluated based on:

1. **Functionality (20 Marks)**
2. **Innovation (20 Marks)**
3. **Scalability (15 Marks)**
4. **User Experience (15 Marks)**
5. **Compatibility (10 Marks)**
6. **Technical Depth (10 Marks)**
7. **Documentation & Submission Quality (10 Marks)**



# Technical Pitch

- Date: June 21st and 22nd, 2025.
- Duration: 7–10 minutes per team
- Teams will present their product's technical aspects to a panel of judges.



# Technical Pitch

## Key Focus Areas for Pitch Preparation:

- **Technical Depth:** Demonstrate your understanding of the technologies used.
- **Architecture & Design:** Ensure a robust, efficient, and scalable structure.
- **Performance & Optimization:** Highlight responsiveness, speed, and system performance.
- **Viability & Market Potential:** Explain the product's relevance and potential real-world application.
- **Challenges & Solutions:** Describe technical obstacles you encountered and how you overcame them.

# Mentorship

- In the **first week of May**, a Google Form will be shared to request mentorship sessions.
- Based on demand, the organizing team will assign mentors.
- Each team will be allowed one dedicated mentor session.



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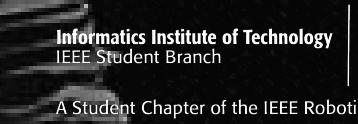
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COMPUTER

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Robotics &

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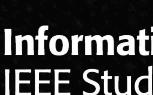
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# Important Notes

- Adherence to all guidelines is mandatory.
- Plagiarism, late submissions, or misrepresentation will result in disqualification.
- Refer to the **Delegate Booklet** for the overall event structure and FAQs.

# Contact Us

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