

*Smart Real Estate Investment Dashboard*

## **Project Plan**



ILLINOIS INSTITUTE  
OF TECHNOLOGY

**Department of Information Technology and Management**

**Cyber Security Technologies (ITMS 548)**

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## Project Plan Overview

The project involves a three-member team, with clearly defined roles:

1. **Mayur Koli** – Project Manager
2. **Sudhanshu Panda** – Data Analyst
3. **Aryan Deshmukh, Tanishq Joglekar**– Web Application Developer

### Daily Tasks:

- Conduct stand-up meetings to review progress and resolve any issues.
- Keep project management tools up to date.

### Weekly Tasks:

- Submit detailed progress reports.
- Monitor the project's earned value.
- Review and update the risk assessment plan.

This structure helps evenly distribute responsibilities among team members, ensuring their skills are effectively leveraged throughout the project's duration.

Date	Tasks	Responsibilities
April 1, 2025	<ul style="list-style-type: none"><li>- Team kick-off meeting</li><li>- Discuss project objectives and scope</li><li>- Finalize focus on software vulnerability data</li><li>- Select data sources: NVD, CVE, OSV</li></ul>	All team members
April 2, 2025	<ul style="list-style-type: none"><li>- Evaluate technical requirements</li><li>- Choose Python for data processing and analysis</li></ul>	All team members
April 3–4, 2025	<ul style="list-style-type: none"><li>- Create project timeline and milestones</li><li>- Start designing data architecture</li></ul>	Sudhanshu Panda
April 7–11, 2025	<ul style="list-style-type: none"><li>- Initiate data filtering procedures</li><li>- Create initial analysis query list</li></ul>	Mayur Koli & Sudhanshu Panda
April 14, 2025	<ul style="list-style-type: none"><li>- Set up GitHub repository</li></ul>	Aryan Deshmukh
April 15, 2025	<ul style="list-style-type: none"><li>- Finalize data filtering procedures</li></ul>	Mayur Koli & Sudhanshu Panda
April 16, 2025	<ul style="list-style-type: none"><li>- Develop and test queries</li><li>- Perform data analysis</li></ul>	Mayur Koli & Aryan Deshmukh, Tanishq
April 17, 2025	<ul style="list-style-type: none"><li>- Finalize dashboards</li><li>- Refine data analysis methods</li><li>- Optimize queries</li><li>- Verify data accuracy</li><li>- Test dashboards</li></ul>	All team members
April 18, 2025	<ul style="list-style-type: none"><li>- Address testing issues</li><li>- Final refinement to visualizations and analysis</li></ul>	All team members

Date	Tasks	Responsibilities
April 21, 2025	<ul style="list-style-type: none"><li>- Create technical documentation</li><li>- Develop user guide for dashboards</li></ul>	Aryan Deshmukh, Tanishq
April 22, 2025	<ul style="list-style-type: none"><li>- Finalize all documentation</li><li>- Prepare presentation slides</li></ul>	Sudhanshu Panda & Mayur Koli
April 23, 2025	<ul style="list-style-type: none"><li>- Stakeholder presentation</li><li>- Deliverable handover</li><li>- Project closure and team debrief</li></ul>	All team members