**Ideation Phase**

**Empathize & Discover**

| Date | 30 July 2025 |
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| Team ID | PNT2025TMID09555 |
| Project Name | The Roadmap Generator |
| Maximum Marks | 4 Marks |

### **Goal:**

Understand **who your users are**, **what problems they face**, and **what they need** in their learning journey.

### **EMPATHIZE**

Understand your users — their pain points, behaviors, motivations, and goals.

#### **Target Users:**

* Students & freshers seeking guided skill learning.
* Working professionals reskilling for tech roles.
* Self-learners overwhelmed by unstructured online content.
* Beginners who don’t know where to start with AI, Web Dev, etc.

#### **Pain Points:**

* “I don’t know which skill to learn next.”
* “I’m confused by too many resources on the internet.”
* “I waste time figuring out the right order of topics.”
* “Free resources are scattered and hard to trust.”
* “Generic roadmaps don’t match my learning pace.”

### **DISCOVER**

Explore what solutions already exist, what gaps remain, and what opportunities your tool can fill.

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#### **Insights:**

* Current roadmap platforms (like Roadmap.sh) are static.
* Few tools offer **personalized** learning paths based on input.
* Most platforms are either too broad, or too niche.
* Generative AI models (like LLaMA 2) can dynamically create content tailored to user needs.

#### **Opportunity Statement:**

"There is an opportunity to build an intelligent, personalized roadmap generator that reduces cognitive overload and guides learners step-by-step toward mastering any skill, using AI."