Problem Statement: The "Dashboard Dilemma"

The modern learning ecosystem is crowded with Learning Management Systems (LMSs), Learning Experience Platforms (LXPs), and other EdTech Platforms. However, they share a fundamental flaw: **their dashboards are not designed for the learner's career growth.**

Your Task

You need to create a project proposal, to design and create a prototype of a more suitable dashboard. The **'Learner's Compass'** dashboard should provide a digital footprint for Ananya to recognise her career preparation journey, see real time reflection of the knowledge and skills she has acquired, receive AI-assisted advisory on gaps that she needs act on, either to change her career path or increase the relevant knowledge and skills for the career she wanted. The Product Owner [a person or network of experts] can also add comments or suggest talking to a coach.

Meet Your User: Ananya

Imagine you're designing this for **Ananya Sharma**, a 21-year-old Computer Science student in India. Her goal is to become a Machine Learning Engineer at a top tech company.

Her Problems:

Her university courses feel old. She has attended online courses and secured certificates. She doesn't know how they fit together. While applying for jobs, job descriptions list many

skills. She doesn't know which are most important (e.g., TensorFlow, PyTorch, AWS SageMaker). She has done projects but doesn't know how to show them off well adding value to skill requirements.

What Ananya Needs:

A clear way to connect her studies, self-learning, projects, and career goals in terms of knowledge, skills and knowledge.
She wants to understand in a glance what additional knowledge and skills she needs to acquire to build her desired career path.

<u>What to Deliver in your proposal & design:</u>

1. Your Idea (1-2 pages):
Explain your main idea for the "Learner's Compass", how it would address Ananya's needs
Describe the key parts of your dashboard and Ananya would navigate and interact with it.

2. Dashboard Design (Minimum 3 screens):
Main Dashboard View: Show the main screen.
Drill-Down View: Show what happens when Ananya clicks on a skill or career path.
Progress Over Time View: Show how her skills change over time.

You can use any design tool you like (HTML, Figma, Adobe XD, or even clear hand-drawn sketches). We care more about your ideas than perfect polish.

Your dashboard MUST include visuals for these features:
Skills Map: A visual that shows Ananya's current skills *(like Python, SQL)* and how good she is at them, compared to what's needed for her dream job *(e.g., "ML Engineer")*.

Skill Gap Finder: A part that clearly shows what skills Ananya is missing for her target role and suggests courses, projects, or articles to learn them.

Career Path Explorer: An interactive tool to show different career paths related to her skills and how her skills would need to change to switch roles *(e.g., from ML Engineer to Data Scientist)*.

Learning Progress Feed: A timeline that shows not just completed courses, but **skills gained** from projects, courses, and work. *(e.g: "You used 'Pandas' and 'Matplotlib' in your 'Sentiment Analysis Project'."*

Project Showcase: A section that links her learning directly to projects she's worked on, showing she can apply what she's learned.

3. Tech & Data Plan (Brief explanation):

Tech Tools: Suggest the main technologies you'd use to build this dashboard *(e.g., for the front-end, back-end, and database)*. Explain briefly why these are good choices.

Data Sources: Where would the information for this dashboard come from? List at least 4 places (e.g., university records, Ananya's input etc) and explain how you'd combine them.

How We'll Evaluate Your Submission:
User Focus (25%): How well does your design help Ananya to grow in her career?
Creativity (30%): how fresh and innovative is your solution? Does it go beyond basic dashboards?
Design & Clarity (30%): Will Ananya find your UI / UX easy to follow? Can she make sense of the dashboard to make career decisions?
Tech Thinking (15%): Is your proposed solution practical, and are your tech choices well-explained?

This challenge is your chance to show us how you think and design. There's no single "right" answer. Be bold, be creative, and build something you'd genuinely want to use!

Good luck!