Product Requirements Document: "Skill Path Progress Tracker" for EdTech Platform

Overview:

In order to improve user engagement and learning outcomes, we are introducing a **Skill Path Progress Tracker** for users. This feature will allow students to track their progress across various courses within a "Skill Path" (a curated collection of courses designed to master a particular skill or topic). The goal is to provide a visual representation of their learning journey and help users stay motivated to complete courses and skill paths.

The feature will display progress percentage, completed courses, and suggested next steps within the Skill Path. It will also provide **gamification elements**, such as badges and rewards, when certain milestones are achieved (e.g., completing 50% of a path, finishing a course with high scores, etc.). This is intended to boost user retention, course completion rates, and overall engagement.

Problem Statement:

Many users on our platform start a course but struggle to finish it, especially when they are enrolled in multiple courses simultaneously. There is currently no clear way for users to track their overall progress across a full Skill Path or see how much of the journey remains. This lack of visibility and motivation leads to high dropout rates, reducing the overall effectiveness of our platform.

Objectives:

- Provide a clear visual overview of progress within a Skill Path to help users see their advancement.
- Increase course and path completion rates by offering **milestone rewards** and badges.
- Encourage users to stay on track by providing personalized next steps and course recommendations within their Skill Path.
- Boost overall user engagement through gamified elements and progress tracking.

Key Features:

1. **Skill Path Dashboard**:
   - A dashboard showing the user's progress across the entire Skill Path, with a progress bar, percentage completion, and courses completed.
2. **Course-Level Progress Tracking**:
   - Each course within the Skill Path will have its own progress bar, showing lessons or modules completed.
3. **Next Course Recommendations**:
   - After completing a course, the next recommended course in the Skill Path will be highlighted, making it easier for the user to know what to take next.
4. **Milestone Rewards and Badges**:
   - Gamification will be integrated by awarding users badges for hitting key milestones (e.g., completing 25%, 50%, or 100% of a Skill Path).
   - Special achievements for completing a course with high scores or consistent learning streaks.
5. **Progress Notifications**:
   - Push notifications or emails will be sent to users when they complete a milestone or when they haven't made progress for a while, encouraging them to continue learning.
6. **Completion Certificate**:
   - Upon completing a Skill Path, users will receive a certificate they can share on social platforms like LinkedIn to demonstrate mastery of the topic.

User Stories:

1. **As a learner**, I want to see how much progress I have made in a Skill Path so that I know how close I am to completing it.
2. **As a learner**, I want to get personalized recommendations on what course to take next in my Skill Path so that I can continue my learning without wasting time figuring out what's next.
3. **As a learner**, I want to earn rewards and badges when I hit key milestones so that I stay motivated to complete the Skill Path.
4. **As a learner**, I want to receive a completion certificate for finishing the Skill Path so that I can showcase my new skills.

Requirements:

1. **Frontend/UI**:
   - Design and implement the Skill Path Dashboard.
   - Display the overall progress bar and course-specific progress for each Skill Path.
   - Highlight the next recommended course based on the user's progress.
2. **Backend**:

- Create APIs to fetch progress data for each user across all courses in the Skill Path.
- Handle milestone triggers and award badges accordingly.
- Store and retrieve users' completion data for certificates.

3. **Gamification**:
   - Develop a system for tracking milestones, including course completion rates and assigning badges.
   - Integrate the gamification system into the progress tracker so users can easily see what rewards they've earned.

4. **Notifications**:
   - Develop a notification system to remind users of their progress or prompt them when they have been inactive for too long.

Success Metrics:

1. **Completion Rate Increase**:
   - Aim for a 20% increase in Skill Path completion rates within 6 months of launch.
2. **Engagement Metrics**:
   - Increase daily active users by 15%, measured by the number of users engaging with the Skill Path Tracker feature.
3. **User Retention**:
   - Increase retention of users enrolled in Skill Paths by 10% over the next quarter.
4. **User Satisfaction**:
   - Positive user feedback on new progress tracking features, aiming for a 4.5/5 rating in post-launch surveys.