Abstract

Project Title: Self-Learning Tracker

In today's rapidly evolving world, continuous learning is crucial for both personal and professional growth. The **Self-Learning Tracker** is a web-based application designed to encourage and support lifelong learners by enabling them to plan, track, and reflect on their self-learning journey. Built using **Python (backend logic)**, **Django (web framework)**, and **MySQL (database management)**, this system offers an intuitive platform that integrates personalized learning roadmaps, habit-forming timers, motivational content, and multi-skill tracking**.**

- Select what type of skill they want to learn — like programming, soft skills, or time management
- Follow a clear **learning roadmap** with step-by-step guidance
- Create a **weekly study plan** using a drag-and-drop scheduler
- Use a **Pomodoro timer** to focus on study sessions with proper breaks
- Track their daily and weekly study time
- Watch motivational videos and read useful content related to their chosen skill
- Earn **badges** and **XP points** for completing tasks and staying consistent

Why This Project is Useful

- Helps people stay organized and focused in their learning journey
- Provides motivation through badges, challenges, and progress tracking
- Makes learning a daily habit instead of a one-time effort
- Supports multiple types of learning – technical, soft skills, and leadership
- Encourages self-reflection through journaling and progress tracking