

Choose a Product/Service:

DevMethods (ITSC-3155 project)

Our project aims to address the challenge of enhancing coding skills of undergraduate and graduate students and improving job readiness in the tech industry. Many individuals struggle with keeping up with rapidly evolving programming languages and technologies industries use that weren't covered at their college, making it difficult to be competitive in the job market. By providing a platform that focuses on skill development, hands-on coding practice, interview preparations, and providing up to date information, we seek to bridge this gap, equipping users with the expertise needed to excel in real-world coding tasks and secure positions in the tech sector.

Identified User Types:

1. Undergraduate/Graduate Student (Primary user aiming to improve coding skills and job readiness)
2. Hiring Manager/Recruiter (Secondary user looking for job-ready candidates)

User Stories for Undergraduate/Graduate Student:

1. Priority: **High**
As a **student**, I want to **access coding tutorials for various programming languages** so that **I can learn and improve skills that are relevant to current industry demands**.
2. Priority: **High**
As a **student**, I want to **complete coding challenges based on real-world problems** so that **I can gain practical experience and be better prepared for job tasks**.
3. Priority: **High**
As a **student**, I want to **receive personalized recommendations on which programming languages and technologies to learn based on current job market trends** so that **I can focus on the most relevant skills**.
4. Priority: **Medium**
As a **student**, I want to **participate in coding interview simulations** so that **I can improve my interview performance and increase my chances of landing a job**.

5. Priority: **Medium**

As a **student**, I want to **have access to a portfolio builder** so that I can **showcase my projects and skills to potential employers effectively**.

6. Priority: **Low**

As a **student**, I want to **join a community forum where I can discuss coding challenges and industry trends with peers** so that I can **learn collaboratively and stay motivated**.

User Stories for Hiring Manager/Recruiter:

7. Priority: **High**

As a **recruiter**, I want to **search for students based on their skill sets and coding challenge performance** so that I can **find job-ready candidates who match my company's requirements**.

8. Priority: **Medium**

As a **recruiter**, I want to **review candidate portfolios including coding projects and assessments** so that I can **assess their technical capabilities more effectively**.

9. Priority: **Low**

As a **recruiter**, I want to **send invitations to students for coding assessments hosted on the platform** so that I can **evaluate their skills for specific roles within my company**.

10. Priority: **Low**

As a **recruiter**, I want to **access student profiles that track their learning progress over time** so that I can **identify candidates who show strong development and persistence**.