

WORK BREAKDOWN STRUCTURE (WBS)

– ASK-MEU PROJECT

LEVEL 1: PROJECT GOALS

- Public Q&A Page
 - Knowledge-Base (KB) Editor
 - Basic Analytics Endpoint
 - Look & Feel (UI/UX Design)
 - Deployment & CI/CD Setup
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LEVEL 2: MAJOR TASKS

PUBLIC Q&A PAGE

- Design input system
- Implement AI/Keyword response retrieval
- Add "Was this helpful?" feedback system

KNOWLEDGE-BASE (KB) EDITOR

- Build CRUD system for Q&A storage
- Implement JSON-based storage mechanism
- Create obscured admin access for MVP

BASIC ANALYTICS ENDPOINT

- Track total questions asked
- Implement category-based stats endpoint

LOOK & FEEL (UI/UX DESIGN)

- Apply university branding (colors, logo)
- Ensure responsive design (Bootstrap/Tailwind)
- Conduct mobile compatibility testing

DEPLOYMENT & CI/CD SETUP

- Integrate GitHub Actions for auto-deployment
 - Choose hosting provider (GitHub Pages, Vercel, etc.)
 - Enable monitoring and error logging
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LEVEL 3: SUBTASKS WITH ROUGH EFFORT ESTIMATES

(Effort estimate in ideal hours per major task)

Task	Effort Estimate (Hours)
Input System for Q&A	6 hours
AI/Keyword Lookup	8 hours
Feedback Capture	4 hours
CRUD Implementation	10 hours
JSON Storage	6 hours
Analytics Tracking	5 hours
UI Design	8 hours
CI/CD Integration	6 hours