

# Software Management Project

## *Ask-MEU*

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Objective: Develop an AI-powered Q&A platform for Middle East University students.

### Key Features:

- Public Q&A page with AI responses
- Admin-friendly knowledge base editor
- Basic analytics endpoint
- University-branded responsive design

# Project Management Approach

- Agile methodology with 2 sprints
- Tools used:
- [Jira/ClickUp/Monday] for backlog
- GitHub + Actions for CI/CD
- Daily standups

# Sprint 1

Goal: Core functionality

Achievements:  
Basic Q&A interface  
Knowledge base setup  
Initial deployment

Set up CI/CD pipeline for auto-deploy (Vercel)	<input checked="" type="checkbox"/> Task	DONE	Z	2
Set up project structure and install dependencies	<input checked="" type="checkbox"/> Task	DONE	AT	1
Choose styling framework	<input checked="" type="checkbox"/> Task	DONE	AT	1
Create base layout with header, footer, and colors	<input checked="" type="checkbox"/> Task	DONE	AT	2
Add MEU logo and favicon to the site	<input checked="" type="checkbox"/> Task	DONE	SS	1
Design input box UI for Q&A	<input checked="" type="checkbox"/> Task	DONE	SS	1
Implement Q&A input logic (form submission)	<input checked="" type="checkbox"/> Task	DONE	Z	2
Display response area under input box	<input checked="" type="checkbox"/> Task	DONE	AT	2
Set up mock response logic	<input checked="" type="checkbox"/> Task	DONE	AT	2
Push working version to GitHub and verify deployment	<input checked="" type="checkbox"/> Task	DONE	Z	1
Share deployed link with team	<input checked="" type="checkbox"/> Task	DONE	Z	1

# Sprint 2

Goal: Enhancements and polish

- Achievements:
- Analytics endpoint
- Improved UI/UX
- Performance optimizations

As an admin, I want to access a hidden /admin page, so that I can manage Q&A content.	🔖 Story	<div>DONE</div>	AT	-
As an admin, I want to create, edit, and delete Q&A pairs, so that the system can learn ...	🔖 Story	<div>DONE</div>	AT	-
As a user, I want helpful answers to improve over time, so that Ask-MEU becomes smar...	🔖 Story	<div>DONE</div>	SS	-
As a developer, I want to store Q&A data in a JSON file, so that it's version-controlled a...	🔖 Story	<div>DONE</div>	AT	-
As a student, I want the site to track how many people found answers helpful, so I kno...	🔖 Story	<div>DONE</div>	Z	-
As a developer, I want an API endpoint to show question stats, so that I can measure us...	🔖 Story	<div>DONE</div>	Z	-
Create /admin route with basic login protection	✅ Task	<div>DONE</div>	SS	1
Design CRUD form for adding/editing Q&A pairs	✅ Task	<div>DONE</div>	SS	2
Implement "Save" to flat-file kb.json	✅ Task	<div>DONE</div>	Z	2
Load existing Q&A pairs from JSON and render in table	✅ Task	<div>DONE</div>	AT	1
Style admin panel with MEU colors	✅ Task	<div>DONE</div>	AT	1
Test full workflow: admin → public → helpful vote	✅ Task	<div>DONE</div>	Z	1
Add README and team credits	✅ Task	<div>DONE</div>	Z	1
Tag v1.0.0 on GitHub	✅ Task	<div>DONE</div>	SS	0.5