

Product Manager Challenge

Part 1 – Product Scenario

Your team has been tasked with creating a **platform that helps students better collaborate on coursework and projects**.

1. Problem Exploration

- Define **two key pain points** students face with collaboration today.
- Describe your approach to validating whether these are real and worth solving.

2. Vision & Features

- Propose a **vision statement** for the platform.
- List **3 major features** you would prioritize, and explain why (reference feasibility, impact, and effort).

3. MVP Definition

- If you had only **6 weeks and a small 4-person engineering team**, what would your **minimum viable product** look like?
 - Provide a **clear prioritization rationale** (e.g., using [MoSCoW](#), [RICE](#), or another framework).
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Part 2 – Execution

1. Roadmap & Planning

- Create a **high-level 8-week roadmap** breaking down 3 phases (e.g., discovery, MVP build, iteration).
- Assign approximate ownership (e.g., engineers, designers, PM responsibilities).

2. Communication & Proactivity

- Draft a short **status update email** to your team at the midpoint of the project when you realize one of the features may be delayed. Show how you would:
 - Keep morale positive
 - Communicate clearly
 - Suggest next steps

3. Technical Awareness

- Suppose engineers propose two implementation options for a core feature:
 - **Option A:** Quick to build but minimal scalability.
 - **Option B:** More complex but allows growth and integrations.
- Which would you choose for an MVP? Justify your decision based on product management principles.

4. Ticket Cutting

- Please **create 2 tickets/tasks** for one part of one of your potential features

- The Ticket should include:
 - User Story
 - Acceptance Criteria
 - Technical Details
 - Out of Scope
 - Level of Effort in the form of **story points** or estimated development time with **justification**
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Submission Guidelines

Submission Requirements

PDF with:

1. Product Scenario

1. PDF with:
 1. 2 Key Pain Points
 2. Vision Statement
 3. 3 Prioritized Features
 4. MVP with included features
 5. Prioritization Rationale

2. Execution

1. 8 Week roadmap
2. Status update email
3. Option A or Option B and justification

Public Github Repository including:

1. Kanban Board with 2 feature Tickets

Make sure to make your Kanban **public** so we can evaluate your tickets.

Submission Conventions

PDF should be formatted "Your Name - PM Challenge F25" (e.g. "Lucas Ha - PM Challenge F25")

You must submit your PDF and Github Repository link via this [Google Form](#).

SUBMISSION DEADLINE: October 10th @ 11:59 PM

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