

PRACTICAL ROUND

INTRODUCTION

Step into the Practical Round, Spotlight on Program Management Skills!

Here, your Program Management (PM) skills shine. We're assessing your talent in planning, prioritization, and execution, mirroring the expertise of a seasoned Technical Program Manager.

ABOUT AJMERA INFOTECH

At Ajmera Infotech, we are a leading IT company that specializes in providing software solutions to our clients.

ROUND DETAILS

Problem Statement:

As an IT company it is very important for us to manage and track assets because the assets are the important asset and main

Output Required:

- List down the requirement questions for stakeholders that you might ask to build the application. Also, explain the reason and importance of each question asked from a product point of view.
- Write user stories and list down the features that you would add to the product. It should include details such as who the user is, what they want to do, and why they need it. A user story should be written from the user's perspective and follow the format: "As [a user persona], I want [to perform this action] so that [I can accomplish this goal]".
- Break and list down the product features that you like to have in MVP and later released versions.
- Create a rough UI/UX wireframe [sketch on notebook or paper] to understand and see how the product will look visually and the process of how the product will be used by the end users. [Optional but if you could do this it would be a plus point].

EVALUATION CRITERIA

CATEGORY	TOOLS
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SUBMISSION GUIDELINES

File format	Submit a PDF document to maintain consistent formatting
Naming	Use a standardized file naming convention (e.g., LastName_FirstName_PM_Spec.pdf).
Clarity and conciseness	Adhere to the specified page limit and present information concisely.
Proofreading	Check for grammar, spelling, and formatting errors before submission
Deadline	Submit the document by the specified deadline to ensure timely review

TIMELINE

Timeline	Tools
Round release date	Saturday, 6 January 2024 (09:00 AM to 12:00 PM)
Submission deadline	The coding practical round is expected to take approximately 3 hours. Feel free to ask for more time if you need it
Results announcement	Monday, 8 January 2024

INSTRUCTIONS FOR CANDIDATES

RECOMMENDATIONS

Think a document that looks this good has to be difficult to format? Think again! To easily apply any text formatting you see in this document with just a tap, in the Home tab of the ribbon, take a look at Styles.

NEXT ROUND

To be conducted next week in our office premises.

CONTACT INFORMATION

If you encounter any technical issues or have questions regarding the practical round, please contact HR at jobs@ajmerainfotech.com.

Task – 2: Write user stories and list down the features that you would add to the product. It should include details such as who the user is, what they want to do, and why they need it. A user story should be written from the user's perspective and follow the format: “As [a user persona], I want [to perform this action] so that [I can accomplish this goal]”.

1)User Persona: IT Administrator

User Story: I want to add new resources to the system as an IT administrator so that I can keep a precise inventory of all the IT hardware.

Features:

These include an asset creation form with fields for warranty information and invoice upload options.

2)User Persona: Office Manager

User Story: In order to make well-informed judgements about replacement or improvements, I, as an Office Manager, would like to see a comprehensive history of an asset, including its mobility and maintenance.

Features:

Maintenance logs, user assignments, and asset history log with movement and time stamps.

3)User Persona: Auditor

User Story: In my capacity as an auditor, I want to provide thorough reports on asset usage and compliance so that, while conducting audits, I can make sure the company complies with legal requirements.

Features:

A customisable reporting module featuring location, asset type, and compliance status filters.

4)User Persona: Help Desk Technician

User Story: In order to promptly provide assistance and maintenance I, as a Help Desk Technician, need to swiftly determine who is using particular asset.

Features:

These include the ability to seek for assets and view contact and user information as it is now available.

5)User Persona: Finance Manager

User Story: In order to make financial decisions and determine the total worth of assets, I, as a finance manager, want to be able to monitor asset depreciation and see financial summaries.

Features:

These include interaction with financial systems, financial summary reports, and a depreciation calculator.

6)User Persona: Warehouse Manager

User Story: In order to effectively manage the physical storage of assets and cut down on pointless procurements, I, as a warehouse manager, wish to designate items as stored or retrieved with explanations.

Features:

Tracking the status of assets and providing alternatives for designating them as stored, retired, or in use.

7)User Persona: Security Officer

User Story: In order to prevent any security breaches, as a security officer, I want to make sure that only authorised individuals have access to sensitive asset information.

Features:

Audit logs for access history encryption of sensitive data, and role-based access control.

8)User Persona: Executive

User Story: To be enable me to swiftly evaluate resource utilisation and make strategic decisions, as an executive, I would like a dashboard that gives me an overview of the organization's asset status.

Features:

These include an executive dashboard with alerts for important asset occurrences, visualisations, and key performance indicators.

9)User Persona: Procurement Officer

User Story: In order to prepare for on-time warranty renewals or replacements, I, as a procurement officer, would like to be notified when a warranty is about to expire.

Features:

These include a centralised dashboard for forthcoming events, notification, preferences, and warnings for warranty expiration.

10)User Persona: System Administration

User Story: In order to preserve peak performance and safeguard confidential asset data, it is my responsibility as a system administrator to make sure the system is secure and scalable.

Features:

These include software update notifications, frequent security checks, and choices for system scalability.

Task – 3: Break and list down the product features that you like to have in MVP and later released versions.

The product features in **Minimum Viable Product (MVP)**:

1)Creation of Assets and Fundamental Information:

Description: Name, kind, and purchase date are just a few of the critical details that user can add to new assets they add to the system.

Reasoning: Defines the essential features needed to create an asset inventory.

2)Monitoring Asset Movement:

Description: The system keeps track of and shows the past user assignments and asset movements.

Reasoning: A necessary skill for basic asset responsibility and tracking.

3)Control Over User Access:

Description: Ensuring data security and privacy through role-based access management.

Reasoning: Offers restricted access and secures private data.

4)Fundamental Reporting:

Description: Produce rudimentary reports regarding the inventory and movements of assets.

Reasoning: Provides basic understanding on how to use assets.

5)Updates on Asset Status:

Description: Whether an asset is in operation, stored, or retired, users can alter its status.

Reasoning: Aids in asset management as it stands now.

Features in **Later Released Versions**:

1)Advanced Analytics and Reporting:

Introduce detailed reporting that is customisable and integrated with analytics to gain deeper insights.

Reasoning: Through in-depth data analysis, reasoning improves decision-making.

2)Connectivity with Financial Systems:

Enable depreciation tracking and other financial functions to be automated by enabling integration with finance systems.

Reasoning: Ensures accuracy and streamlines financial reporting.

3)Notification Mechanism:

Establish a notice system for situations like impending asset maintenance or warranty expirations.

Reasoning: Lowers risks and enhances proactive management.

4)Mobile Usability:

Create a specialised mobile app or a mobile-friendly version for asset management.

Reasoning: Improves accessibility and enables mobile asset management for users.

5)Strengthened Security Protocols:

Add more security measures to your system by implementing two-factor authentication, encryption, and regular security audits.

Reasoning: Provides strong safeguarding for confidential asset information.

6)Executive Overview:

Present an executive dashboard featuring visualisations an important performance indicator.

Reasoning: Offers a brief synopsis for making strategic choices.

7)User-Friendly Improvements to UI/UX:

Based on user input, continuously enhance the user interface and user experience.

Reasoning: Promotes user acceptance and satisfaction.

8)Optimising performance and scalability:

As the number of assets and users increases, make sure the system can manage them all while maximising performance.

Reasoning: Encourages organisational expansion without sacrificing effectiveness.

9)Features related to compliance and audit trials:

Improve audit trial functionality and add measures to guarantee industry regulations are followed.

Reasoning: Essential for businesses with stringent compliance regulations.

10)Module for Asset Depreciation:

Create a module that computes and shows the depreciation of an asset over time.

Reasoning: Gives the asset management system more depth in terms of finances.