## Lecture 1 - Week 11

# **Omar & Product Management**

# **IDEA MANAGEMENT**

Let's consider the example of Omar, a product manager at a software company tasked with developing a new project management tool for small businesses.

Here's how he navigates through the idea management process:

- *Idea Generation:* Omar begins by gathering ideas from various sources, including customer feedback, industry trends, and internal stakeholders. He interviews small business owners to understand their pain points with existing project management tools and solicits input from his team members on potential features and functionalities.
- *Idea Screening:* Omar conducts a preliminary screening of the generated ideas, evaluating their feasibility and alignment with the company's goals. He considers market demand, technical feasibility, and resource constraints to narrow the list of ideas to those with the highest potential.
- *Idea Validation:* Omar conducts market research to validate the selected ideas, analyse the competition, and assess the target market's needs. He also conducts user surveys and usability tests to gather feedback on the proposed concepts and identify potential barriers to adoption.
- Concept Development: Based on the validated ideas, Omar works with his team to develop
  detailed concepts for the project management tool. They outline the tool's key features, user
  interface design, and value proposition, ensuring that it addresses the identified pain points of
  small business owners and offers unique benefits compared to existing solutions.
- *Idea Prioritisation:* Omar uses a prioritisation framework to rank the concepts based on their strategic importance and potential impact. He considers factors such as innovation, market demand, and competitive differentiation to prioritise the ideas that offer the greatest value to the target market.
- *Idea Selection:* After careful consideration, Omar selects the most promising concept for further development. He presents his findings to senior management, justifying his decision based on market research, customer feedback, and strategic alignment with the company's goals.
- Idea Documentation: Throughout the process, Omar documents key information about the selected concept, including its origin, rationale, validation results, and prioritisation criteria. This documentation serves as a reference for the team and provides transparency into the decisionmaking process.
- *Idea Iteration:* Omar recognises that idea management is an iterative process and continues to refine the concept based on feedback and new information. He conducts regular review meetings with the team to assess progress, adjust as needed, and ensure the project remains on track.

In this example, Omar effectively navigates through the idea management process, from generating ideas to selecting the most promising concept for further development. By leveraging market research, customer feedback, and strategic alignment, he ensures that the project management tool meets the target market's needs and drives value for the company.

# **SPECIFICATION**

After successfully navigating the idea management process, Omar shifts his focus to defining the product specifications for the new project management tool. Here's how he approaches this phase:

- Requirement Gathering: Omar starts by talking to small business owners and his internal team
  to understand what the tool needs. Key features include task management, team
  collaboration, file sharing, and reporting, all wrapped in a user-friendly interface for nontechnical users.
- Functional Requirements: Using the input he gathered, Omar prioritises essential features like task lists, Gantt charts, kanban boards, real-time chat, and customisable dashboards. These are designed to cater to the varied needs of small businesses.

- Technical Requirements: Omar teams up with the engineers to outline the technical side. They focus on making the tool cloud-based, scalable, secure, and capable of integrating with platforms like Google Workspace and Microsoft Office 365.
- Design Specifications: Next, Omar collaborates with the design team to sketch out the tool's look and feel. They create wireframes and mock-ups to ensure the interface is intuitive, visually appealing, and stays true to the company's branding.
- Quality Standards and Testing: Omar defines what "quality" looks like for the tool. This includes
  performance tests for responsiveness, usability tests for smooth interactions, and security
  checks to safeguard sensitive data. Clear acceptance criteria are set to confirm the product
  meets all standards before launch.
- Documentation and Review: Omar documents everything; specifications, user stories, and acceptance criteria. He holds regular reviews with the engineering, design, and quality teams to ensure everyone's on the same page and that the specs are realistic and achievable.
- *Iterative Refinement:* As the project evolves, Omar revisits and updates the requirements and specifications based on stakeholder feedback and market changes. This keeps the tool relevant and competitive.
- Stakeholder Alignment: Omar wraps up the specification phase by presenting the finalised specs to everyone involved—executives, engineers, designers, and quality assurance teams. He ensures everyone is aligned, addressing any concerns to pave the way for a smooth development process.

By carefully defining the product specifications, Omar ensures the project management tool meets small business needs, provides a great user experience, and aligns with the company's strategic goals.

#### **ROAD MAPPING**

After successfully navigating the product specifications phase for a new project management tool, Omar, the skilled product manager, moves on to the crucial stage: road mapping. Here's how he approaches it:

- Define Goals and Objectives: Omar starts by setting clear goals for the tool. Using insights from earlier research, he focuses on improving team collaboration, streamlining task management, and boosting productivity for small businesses.
- *Prioritise Features and Initiatives:* With goals in place, Omar prioritises features based on their impact and alignment with objectives. Working with his team, he uses frameworks to rank features, ensuring high-value ones are tackled first.
- Develop a Timeline: Omar creates a timeline to outline feature releases and milestones. He factors in development cycles, market trends, and dependencies, giving stakeholders a clear picture of what to expect and when.
- Communicate the Roadmap: To keep everyone aligned, Omar shares the roadmap with key stakeholders; executives, developers, marketers, and sales teams. He explains the goals, priorities, and timelines, ensuring transparency and buy-in across the organisation.
- *Iterate and Adapt:* Knowing that things change, Omar regularly reviews and updates the roadmap. Whether it's feedback or shifting market conditions, he stays flexible, adjusting the plan to seize new opportunities or tackle challenges.
- Align with Business Strategy: Omar ensures the roadmap supports the company's overall business goals, including market positioning, competitiveness, and revenue growth. This keeps the product aligned with long-term success.
- Balance Short-Term and Long-Term Goals: Omar strikes a balance between delivering quick wins for immediate needs and laying the foundation for future innovations. This approach ensures both short-term value and sustainable growth.
- Track Progress and Performance: Finally, Omar keeps an eye on progress, using metrics like user engagement, customer satisfaction, and adoption rates. This data helps him evaluate each release and refine priorities, ensuring the product continues to deliver value.

Through clear goals, smart prioritisation, open communication, and adaptability, Omar creates a roadmap that guides the project management tool to success—meeting both immediate needs and long-term objectives.

## **PRIORITISATION**

As Omar begins developing a project management tool for small businesses, he knows prioritisation is key to its success. To deliver maximum value to users and his company, he focuses on using resources wisely and prioritising features with the most impact.

Here's how Omar approaches prioritisation:

- *User Needs and Impact:* Omar starts by talking to small business owners to understand their biggest challenges. Features like task management and collaboration tools; directly addressing these pain points; are prioritised to boost user satisfaction and adoption.
- Business Goals and Strategy: Next, Omar aligns his decisions with the company's goals. Features that contribute to revenue, such as premium subscriptions or integrations with popular tools, are given priority to support long-term growth.
- Technical Feasibility and Effort: Working closely with the development team, Omar evaluates the effort required for each feature. While innovation is exciting, he ensures features fit within the team's capacity and timelines to keep development realistic.
- Dependencies and Constraints: Omar identifies which features depend on others and considers external factors like budgets or regulations. By prioritising features with minimal dependencies, he avoids bottlenecks and ensures steady progress.

### Using the MoSCoW Method

To keep things organised, Omar applies the MoSCoW method to categorise features:

- Must-Have: These are essential for the tool to function, like task lists, user permissions, and real-time collaboration. They form the foundation for the tool and are prioritised for the initial release.
- Should-Have: Features that enhance usability, like customisable templates or file attachments, come next. While not critical, they add value and improve the user experience.
- *Could-Have:* Features like advanced reporting or third-party integrations are saved for later updates. They're desirable but not urgent for the first release.
- Won't-Have: Features that aren't relevant right now are excluded to maintain focus. Omar communicates clearly with stakeholders about why these features are out of scope but keeps them on the radar for future consideration.

### Personal Reflection

Was the MoSCoW method the best choice? Omar might also explore other methodologies like the Kano model, RICE scoring, or value vs complexity to refine his approach and achieve even better results.

# Staying Flexible and Responsive

Throughout development, Omar reviews his priorities based on feedback and market trends. He stays adaptable, refining the roadmap to keep it aligned with user needs and business objectives.

By focusing on user needs, aligning with company goals, considering technical feasibility, and using prioritisation frameworks, Omar creates a clear path forward. His thoughtful approach ensures the tool delivers value to users while driving growth for the company.