

Project Initialization and Planning Phase

Project Name:	<i>Nutrition App Using Gemini Pro</i>
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Initial Project Planning

Development Tools and Technologies

- Programming languages (e.g., Python, Java)
- Mobile app development frameworks (e.g., React Native, Flutter)
- Cloud platforms (e.g., Google Cloud Platform, Amazon Web Services)
- AI/ML libraries and frameworks (e.g., TensorFlow, PyTorch)
- APIs (e.g., Google Generative AI API)

Project Management Methodology

An Agile development methodology (e.g., Scrum) will be adopted to ensure flexibility and continuous improvement:

- Develop features in iterations (sprints)
- Prioritize tasks based on user needs and project goals
- Conduct regular reviews and incorporate feedback

Risk Management Plan

Potential risks include:

- Technical challenges in integrating AI technology
- Difficulty in acquiring and retaining qualified personnel
- Delays in project timeline due to unforeseen circumstances

Mitigation strategies will be established for each identified risk.

Research and Analysis: Conduct market research, user surveys, and competitor analysis to identify user needs and preferences.

Design and Development: Collaborate with nutritionists, AI experts, and developers to design and develop the app interface, backend infrastructure, and AI algorithms.

Testing and Iteration: Conduct rigorous testing phases to ensure functionality, usability, and security. Gather feedback from beta testers for iterative improvements.

Launch and Marketing: Plan a strategic launch campaign to introduce Nutritionist AI to target audiences. Utilize digital marketing channels and partnerships to promote app adoption.