SmartNote: AI-Powered Note-Taking for Enhanced Productivity

COMP5216 – Mobile Computing

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Table of contents

01 Introduction

02 Product Overview

03 Market opportunity

04 Team & timeline

05 Metrics

06 Product Demo

01
Introduction

Introduction

Pain Points

- Many note-taking tools are **passive**, leaving users with notes but no real engagement.
- Students and professionals struggle with **organising** and **reviewing complex information**.
- Lack of tools to help users **test their understanding** or **improve their notes** in real time.

Our idea

- Take notes seamlessly and receive **feedback of correctness** on their content.
- Generate **personalised quizzes** from their notes to reinforce learning.
- Use features like **document translation**, **visualisation**, and **multimodal inputs** (audio/image to text) to enhance their note-taking experience.

02
Product Overview

Key Features



Personalized Quiz Generation



Document Translation



Visualising Data



Multimodal Inputs



Correctness Checking

03
Market Opportunity

Competitive Analysis

App	General Note-Taking	AI Assist	Document Translation	Visualisation Tools	Multimodal Inputs	Knowledge Graph	Quiz Generation	Cross-Device Sync	Correctness Checking
Notion 	✔️ Powerful content management	✔️ Basic AI for content creation	❌ Limited AI translation	❌ Limited visual tools with fixed formats	❌ No image/audio-to-text feature	✔️ Linking capabilities	❌ No quiz generation	✔️ Syncs across devices	❌ No correctness checking
Obsidian 	✔️ Markdown-based note-taking	❌ No built-in AI	❌ No translation	❌ No built-in visual tools	❌ No image/audio-to-text feature	✔️ Strong linking for knowledge graph	❌ No quiz generation	❌ No built-in cross-device sync	❌ No correctness checking
Evernote 	✔️ Easy note-taking	❌ No built-in AI	❌ No translation	❌ No visual tools	❌ No image/audio-to-text feature	❌ No advanced linking	❌ No quiz generation	✔️ Syncs across devices	❌ No correctness checking
SmartNote 	✔️ Comprehensive note-taking	✔️ AI for quizzes, feedback	✔️ Translate notes	✔️ AI-powered visualisations	✔️ Convert images/audio to text	❌ Focuses on learning tools	✔️ AI-generated quizzes	❌ Will be included in future versions	✔️ Provides correctness checking

04
Team & Timeline

Roadmap

Initiative	Objective	Sep W1	Sep W2	Sep W3	Sep W4	Oct W1	Oct W2	Oct W3
Research and Planning	Identify user needs, define core features, create prototypes							
Development	Build core and AI functionalities							
Testing and Debugging	Ensure app's performance							
Optimisation and Final Adjustments	Optimise app's performance							

05
Metrics for Success

Metrics for Success

User Acquisition

Goal: acquire 5,000 active users within the first 6 months after launch

User Engagement

Measure engagement through session length, feature usage, and retention rate

Revenue Generation

Freemium model, can subscribe for premium AI features after trial. Goal: generate $10,000 in revenue within the first year.

API Efficiency

Track the response time of AI requests, aim to keep this under 2 seconds on average

User Satisfaction

Collect feedback through in-app surveys and app store review. Goal: 4.5+ star on major platforms.

Churn Rate

Goal: maintain a churn rate below 20% by regularly updating the application.

06
Product Demo