

# AIDD TASK 3

Sir Hamzah Syed, Asma Yaseen and Yusra Saleem, Thank You for the Task 3 to learn Spec Kit Plus !

Ahsan Farooqui, Roll # 00303759, Phone # +923342180555

## PART A

### Q1 New improvements in Gemini 3.0

- A) Advanced reasoning and complex problem solving, multi-step queries
- B) Generative UI in interactive interfaces being creative in visual layouts, magazine style
- C) Enhanced agentic capabilities like orchestrating complex, big tasks using multiple tools and steps

### Q2 Improved coding & automation in Gemini 3.0

- A) Autonomous performance on benchmark like SWE Bench verified and Terminal Bench 2.0, so it can better plan, execute and debug code
- B) Vibe coding is enhanced allowing devs to create fully functional apps with coding with prompts
- C) Context retention even with complex and long horizon tasks across entire codebase

### Q3 Improvement in multi model understanding in Gemini 3.0

- A) It is built with a seamless synthesis & reason for data types like text, images, video, audio and code, with one simple
- B) Deep visual reasoning with improved spatial understanding & visual reasoning e.g. analyzing x-rays or MRI, getting data from complex charts etc
- C) Benchmark performance like MMMU Pro & Video MMMU, meaning it accurately analyze and reason of information from the videos and images

### Q4 Two developer tools in Gemini 3.0

- A) Google Antigravity to manage multiple agents for high level delegation
- B) Gemini Agent advanced capability to handle complex, multiple step tasks

## PART B

