Al Study Buddy

Developed by Vincent881909

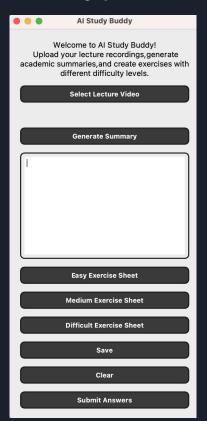
Problem

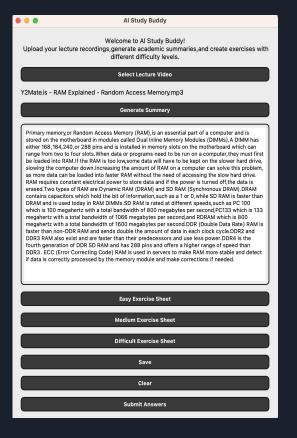
- Numerous sources of study material
- Lengthy lecture recordings
- Repetitive content
- Struggling to prepare for an exam

Solution

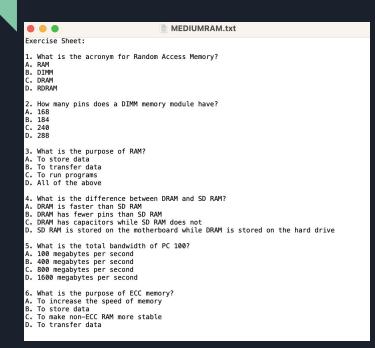
- Al Study Buddy an interactive way to prepare for exams using Al
- Quick way of summarizing study material
- Easy way of creating practice questions
- Generated feedback on answers

Prototype





Prototype





DIFFICULTRAM.txt

Exercise Sheet

- What does RAM stand for?
- 2. How many pins do DIMMs have?
- 3. How many memory slots does an average motherboard have?
- 4. How does RAM require constant electrical power to store data?
- 5. What is the difference between DRAM and SD RAM?
- 6. How does SD RAM rate its speed?
- 7. What is the total bandwidth for PC 100 RAM?
- 8. What is the difference between DDR and non-DDR RAM?
- 9. What is the difference between DDR2 and DDR3?
- 10. What is ECC and why is it important?
- 11. What are the advantages of using ECC memory over non-ECC memory?
- 12. Compare and contrast the different types of RAM technology (e.g. DRAM, SD RAM, DDR, DDR2, DDR3, DDR4).
- 13. Explain the concept of a 64 or 32 bit datapath and how it relates to the speed of RAM.
- 14. Describe the process of loading data or a program from a hard drive into RAM.
- 15. What are the benefits of having more RAM on a computer?
- 16. What is the significance of the term byte in relation to RAM?
- 17. How does RDRAM compare to SD RAM in terms of speed and bus width?
- 18. How does DDR4 compare to DDR3 in terms of speed and power usage?
- 19. What are the differences between a DIMM and a SIM in terms of pins and datapath?
 20. What is the purpose of Error Correcting Code (ECC) memory?
- what is the purpose of Error correcting code (Ecc) memory:

Demo

Limitations

- Sources of input
- Giving feedback on generated summary
- Submit Answer feature
- Time to transcribe

Potential

- Multiple sources as input
- Interactive and quick feedback
- Tailored exam questions
- More efficient way to study
- Flashcards
- Record your own answers

Conclusion

Thank you for watching!