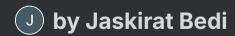# Unlock Your Learning Potential with AI-Powered Study Tools

Discover a cutting-edge web app that transforms how you approach studying and mastering new topics. Our AI-driven features empower you to generate personalized study materials, streamline your learning process, and achieve academic success.

(J) **by Jaskirat Bedi**

Seamless User Login and Topic Selection
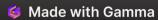
Secure Login

Access your personalized learning dashboard through a secure and intuitive login process.

Topic Selection

Easily browse and select the subject you want to study, from computer networks to art history.

Streamlined Experience

Navigate the app's features with ease, ensuring a seamless and efficient study session.

UNIT-2

Problem Solving: State Space Search and Control Strategies

Introduction:-

→ Problem solving is a method of deriving solution steps beginning from initial description of the problem to the desired solution.

→ The task is solved by a series of actions that minimizes the difference b/w the given situation and the desired goal.

→ In AI the problems are frequently modelled as a state prspace problem where the state space is a set of all possible states from start to goal status.

→ The set of states form a graph in which two states are linked if there is an Operation which can be executed to transform one state to other.

→ While solving a problem, the state space is generated in the process of searching for its solution.

→ There is a difference b/w the state space search used in AI and the conventional computer science search methods.

→ The two types of problem-solving methods methods that are generally followed include general purpose and special purpose methods.

AI-Powered Note Generation

Comprehensive Coverage

Our AI model analyzes your topic and generates detailed, well-structured notes covering key concepts.

Adaptive Complexity

Adjust the complexity of the generated notes to match your learning needs and preferences.

Personalized Content

The AI tailors the notes to your unique study requirements, ensuring maximum relevance and effectiveness.

Made with Gamma

	2:00pm							Get to campus
2:30pm								Chem 1301A Exam 2-5pm
3:00pm / 3:30pm	TV/Reading break	TV/Reading break	Go to the gym	TV/Reading break	TV/Reading break	TV/Reading break	
4:00pm / 4:30pm	Study Psych notes +	Study Calc notes +		Study Chem notes	Study psych	Study calc notes	

Customization Options

Study Time

Set your desired study duration, whether it's a week or a few hours, and let the AI adjust the note content accordingly.

Personalized Experience

Tailor the learning experience to your preferences, ensuring optimal efficiency and engagement.

1   **2**   **3**

Complexity Level

Choose the appropriate complexity level, from beginner to advanced, to align with your current understanding of the topic.

Output Options

Notes

Access comprehensive, AI-generated study notes to enhance your understanding.
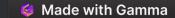
Flashcards

Reinforce your knowledge with customizable digital flashcards.

Quizzes

Test your comprehension with personalized quizzes and assessments.

Collaboration and Sharing

Share Notes

1

Easily share your AI-generated notes with classmates or study groups.

Collaborative Studying

2

Engage in interactive discussions and peer-to-peer learning sessions.

Sync Progress

3

Track your progress and sync your learning journey across multiple devices.

Personalized Study Plans and Progress Tracking

Personalized Study Plans	Our AI analyzes your learning style and creates customized study plans to optimize your progress.
Progress Tracking	Monitor your performance, identify areas for improvement, and celebrate your achievements.
Adaptive Learning	The system continuously adapts to your needs, ensuring a dynamic and effective learning experience.

Day	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
Date	Dec. 16	Dec. 17	Dec. 18	Dec. 19	Dec. 20	Dec. 21	Dec. 22
7:30am							
8:00am	Wake up & breakfast	Wake up & breakfast & get to campus	Wake up & breakfast	Wake up & breakfast & get to campus	Wake up & breakfast	Wake up & breakfast	Wake up & breakfast
8:30am							
9:00am							
9:30am	Study Calc notes	Calc 1000A Exam 9am-12pm	Study physics notes	Physics 1301A Exam 9am-12pm	Study bio notes		
10:00am							
10:30am							
11:00am							
11:30am	Lunch + TV break		Lunch + TV break		Go to the gym		
12:00pm		Lunch + TV break		Lunch + TV break			
12:30pm							
1:00pm	Study Calc notes		Study physics notes				
1:30pm					Lunch + TV break		
2:00pm		Study bio notes		Study bio notes			
2:30pm							
3:00pm	Go to the gym		Go to the gym				
3:30pm							
4:00pm		TV break			Study bio notes		
4:30pm	Dinner & hangout	Study physics notes	Study bio notes	Yoga in room			
5:00pm							
5:30pm				Study bio notes			
6:00pm							
6:30pm	Study physics notes	Dinner & Hangout	Dinner & hangout		Get to campus		
7:00pm							
7:30pm				Dinner & hangout	Bio 1001A Exam 7-10pm		
8:00pm		Study bio notes	Study physics notes				
8:30pm	TV break						
9:00pm	Study calc notes			Study bio notes			
9:30pm							
10:00pm							
10:30pm	Reading/TV + getting ready for bed	Reading/TV + getting ready for bed	Reading/TV + getting ready for bed	Reading/TV + getting ready for bed	Reading/TV + getting ready for bed	Reading/TV + getting ready for bed	Reading/TV + getting ready for bed
11:00pm							
11:30pm							
12:00am							

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Unlock Your Full Potential

1   **Streamlined Studying**

Simplify your learning journey with our AI-powered tools and features.

2   **Enhanced Comprehension**

Gain a deeper understanding of complex topics through personalized study materials.

3   **Improved Outcomes**

Achieve better grades, retain information better, and excel in your academic pursuits.

Start your transformative learning experience today and unlock your full potential with our cutting-edge web app.

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