

Topic: Stressly Session Planner Assistant:-

Pain Points:- (A)

- 1- Student know they need to study but don't know how to ~~base~~ big breaks goals into small daily task so they feel confused and worried.
- 2- Student struggle to plan their study time. They have exams or deadline coming up but can't organize topic across their available hours.
- 3- Students have limited time and many topics, but no clear structure. They don't know when to study which topic, which leads to last minute cramming.
- 4- Students have limited time and many ~~topic~~ ^{topics} but no clear ~~struc~~ structure. They find it difficult to balance workloads or include revision for harder subjects

- 5- Without a guided plan, student feel stressed and unsure how to prepare effectively for an upcoming exam or project.
- 6- Underestimate workload, forget revision, or cluster too many difficult topics into one day.
- 7- Know what they need to study but not how to distribute the work across their limited available time.
- 8- Feel overwhelmed when approaching because they never created a structured schedule.

Why it matters:

University students operate under tight deadlines and inconsistent daily availability. Turn this into a structured (1-2) week study plan

- Reduces cognitive load they no longer

need to plan everything manually)

- Improves retention through spaced practice
- Encourages time-management habits
- Increases confidence and performance on assessments

Scope:- (B)

- User tells the system the goal (exam/project) topics, difficulty and free time slots.
- System generates a 1-2 week study plan.
- Topics are distributed fairly across days.
- Difficult topic gets some extra revision time.

Out of scope:-

- Full calendar syncing (Google calendar etc)
- AI difficulty prediction based on behaviour.
- Long term plan more than 2 weeks
- Real time reminders or notification
- Automatic performance tracking

(G)

Release & Evolution Plan:-

(3 month Plan MVP to V1)

- Improve scheduling logic.
- Add editing of topics inside the UI
- Add filters like Morning study/Night study.

1 -Year Plan:-

- User account and cloud saving
- Calendar visualization
- Difficulty - based smart revision recommendations.

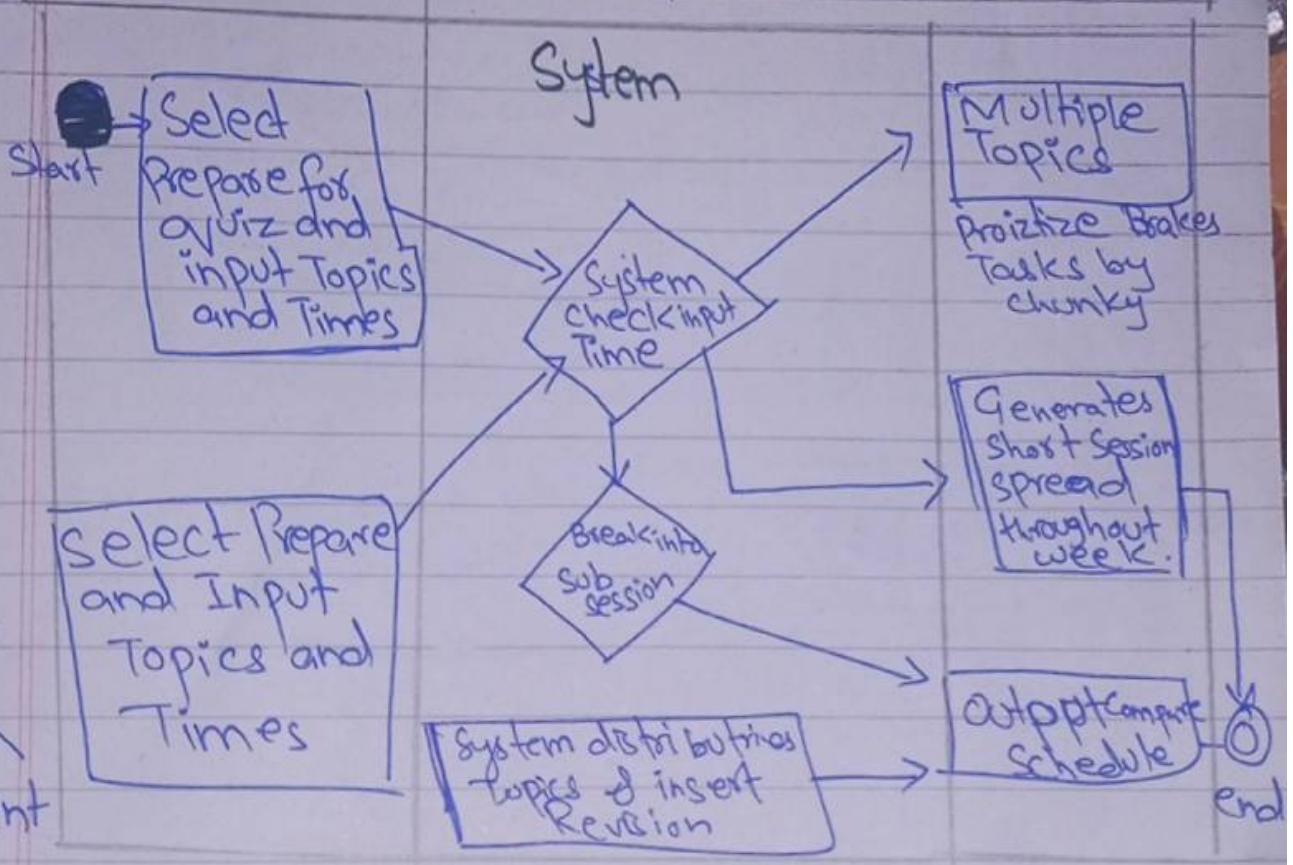
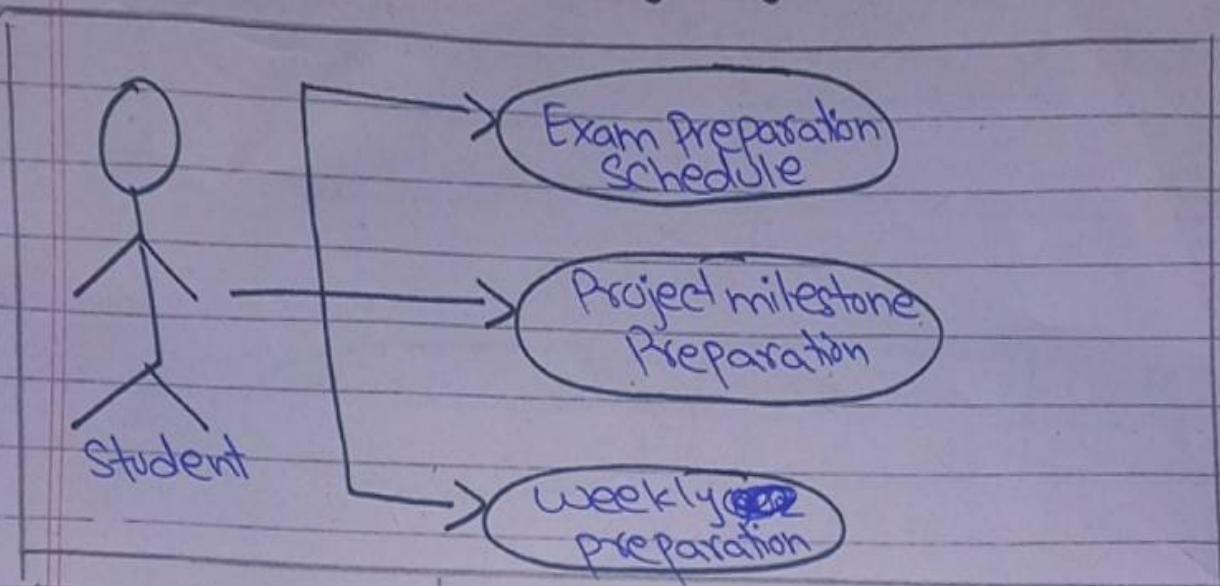
2 Year Plan:-

- AI - based smart planner that learns from user habits.
- Integration with google Calendar.
- Personalized reminders and analytics dashboard.

Design UI/UX:- (B)

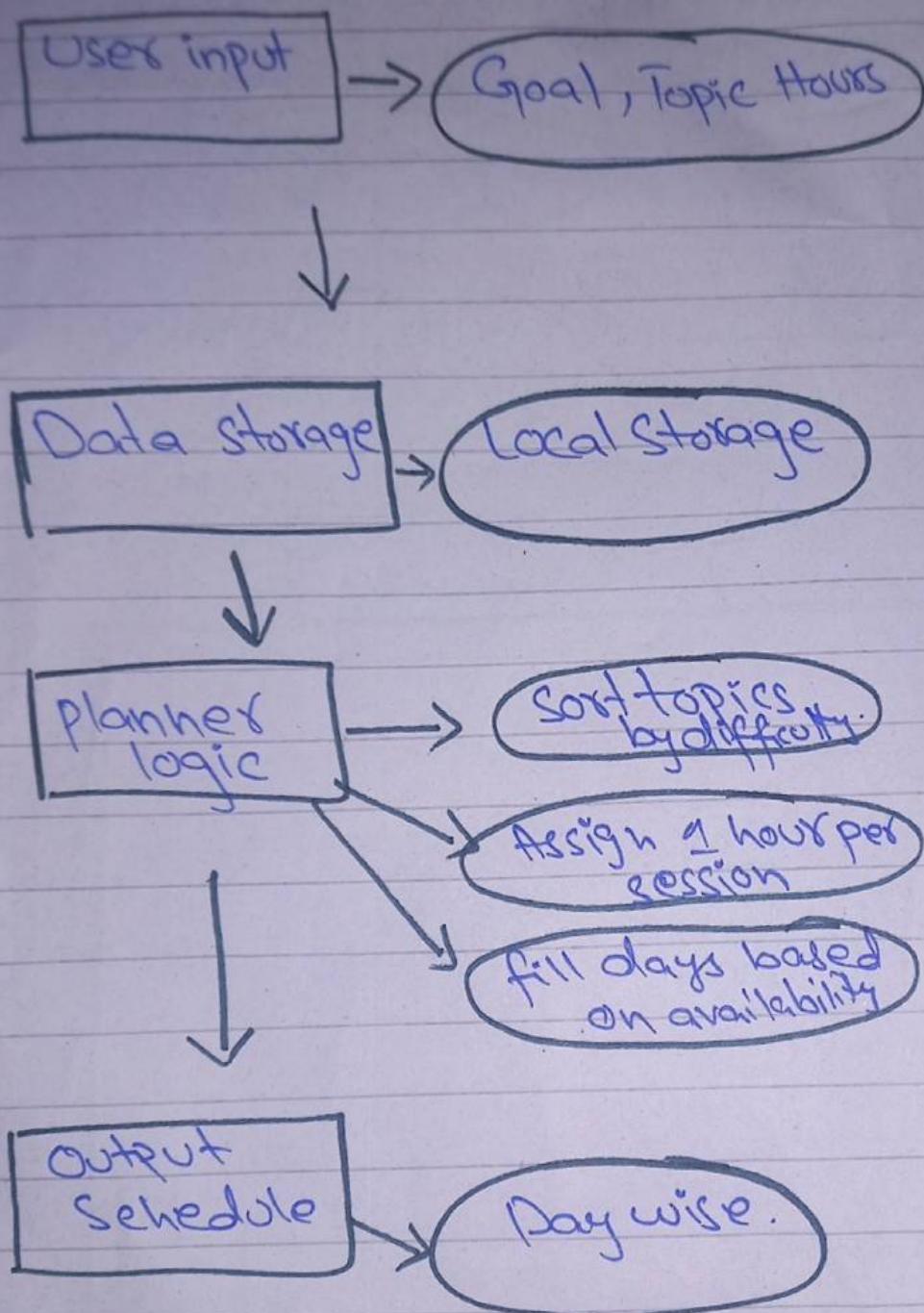
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Study Planning System:-



(B)

High - level Design | Data flow



(C)

Study Session Planner MVP:-

This is a simple web based study planner that helps students turn their study goals into a clear 1-2 week plan.

Student enter topics difficulty and availability hours, and the system generates a schedule.

features

- Add study goal start date and number of days.
- Add daily availability.
- Add topics with difficulty level and hours.
- Dark & light mode.
- Everything saved in browser local storage.

D Test Plan

Test cases	Input	(steps description)	Expected result	Actual
1	valid topics valid hours	Add topics → Save → generate plan	Daywise schedule	Works Pass
2	No topic	Skip topics → generate schedule	Should show free day	works Pass
3	Difficulty 5 topics	Add topics difficulty 5	Hard topics appear first	Works Pass
4	Daily hours = set hours 0	Set hours	Day shows free day	works Pass
5	More hours than needed	Many hours with few topics	Schedule ends early no errors	works Pass

UI sketch Vision

