### Al Powered Schedule Companion: Design

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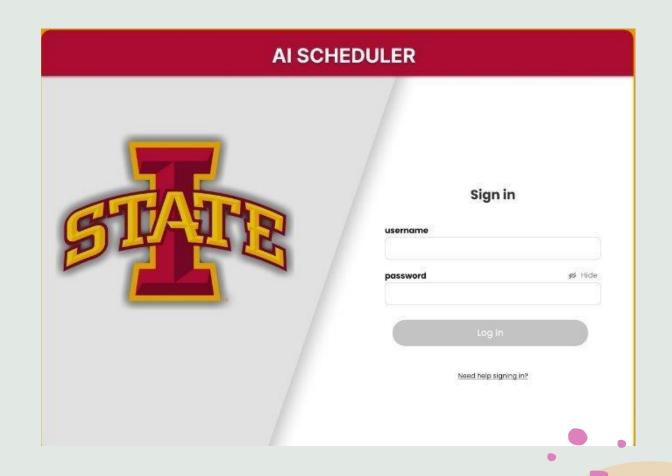
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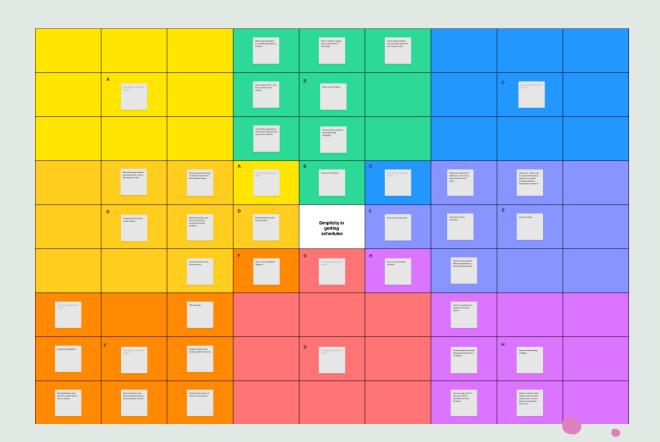
### Project Overview

- Al Powered Schedule Companion
  - Website/Application to aid in creating a semester schedule.
  - Uses ChatGPT-based AI
  - User prompts allow AI to create the schedule



#### Ideation

- Main Idea: Simplicity in getting schedules
- Clean user interfaces
  - Simple prompts, page organization, scrolling on pages, reduce page clutter, similar ISU layouts
- Clean user input
  - Avoid open-ended questions, edit button for users to change input , AI can ask follow up questions, etc.
- Ease of understanding schedules
  - Create a visual/chart of schedule options, provide simple textbased schedule, provide image of 4-year ISU plan, etc.
- Compare/contrast with known classes
  - Take into account classes previously taken against ones that still need to be, etc.
- Additional Features
  - Current to class location tracking, 4-year plan generation, gpa calculator, etc.
- This was derived from our Lotus Blossom



# Market Research: Competitor 1

- · Competitor: Taskade
- With Taskade, you can "easily create, train and deploy Al agents tailored to your specific workflow needs"
- Uniqueness: Daily task generator, has its own chatroom/video call capabilities
- Advantages: Al Driven, full customization
- Disadvantages: Easier to make schedule by hand then explain so much, not something plain ChatGPT couldn't handle
- Conclusion: While it can make schedules, it can't make them the way we want to. It could be implemented to aid student in their own tasks, however (additional feature).



## Market Research: Competitor 2

- Competitor: Motion
- Motion is an AI schedule creator that can also predict upcoming events
- Uniqueness: Daily schedule planner that utilizes AI to create schedules, predicts project timeline
- Advantages: Can reschedule tasks that haven't been completed, "Happiness Algorithm"
- Disadvantages: Cost, less-intuitive design
- Conclusion: Motion is extremely useful for creating daily schedules, but can not create the schedule we are looking for as its specific in a way it can't work with.



#### Conclusion

- We are creating a website that allows school schedules to be easily created using AI
- We strove for simplicity in getting schedules
- Achieved by clean interfaces, clean user input, ease of understanding schedules, and comparing with known classes
- Looked at AI schedule-based competitors and listed what was unique about them, their advantages and disadvantages, as well as why we didn't choose them.

