

AI Powered Schedule Companion: User Needs

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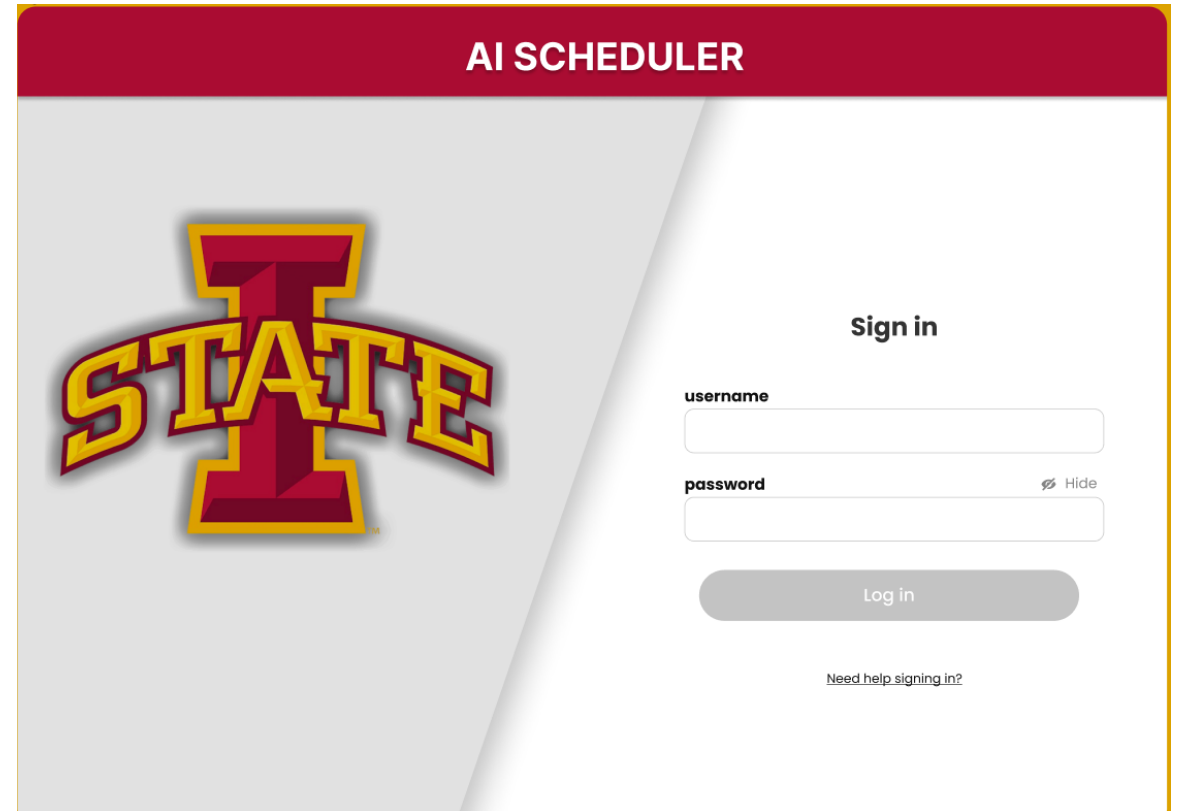
Client: Koby Fowler

Advisor: Abraham Aldaco



Project Overview

- Website/Application to aid in creating a semester schedule
- Enhanced by ChatGPT-based AI
- User prompts and built-in tools allow AI to help students



Problem Statement



Problem: It is not easy to create a semester schedule containing both the classes a student wants and needs. While this is a problem for newer students, it still persists among even seniors.



Importance: Before a student can even take the class, they must sign up for it. If creating the schedule itself is the main issue, then why would a student come to Iowa State over other colleges? Especially when Iowa State University of *Science and Technology* fails in the technological front.



Objectives: Create an easy to use application that can aid in the process of creating a schedule for the semester. Said schedule creator should cater to not only the needs of the student's education (required classes) but also the wants of the student (fun classes)

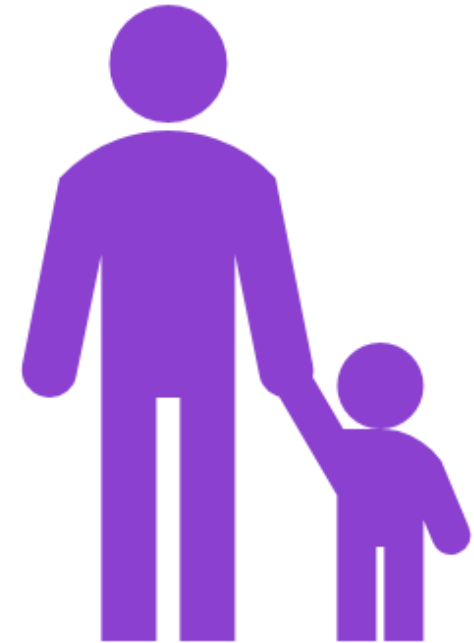
Users

- Todd: Incoming freshman at ISU, not sure what the best options are for his class schedule. He met with the advisor, but still isn't sure what other schedule options are available.
- Teri: Junior majoring in SE at ISU and he always attends classes :)
- Jennifer Koolidge: ISU student advisor that has worked in College of Engineering for the last 8 years. She has a lot of experience in helping students create schedule. She is interested in a better way to create schedules, but uncertain if it will be an easy transition.



User Needs

- Todd: He needs a way to generate class schedules because he isn't sure what his best options are or how to narrow them down to fit him best.
- Teri: He needs a way to register for a desired class and to have a morning section but couldn't find one because of the hectic and manual schedule applications like AccessPlus or others where they have to register for the class in tedious manner.
- Jennifer: The advisor needs an easier way to create schedules because she can help multiple students choose a good schedule more efficiently.



Conclusion

- People need an easy and simple way to sign up for classes
- Simply signing up may be what student's need, but not what they want. They may want to see what other options are available or how early/late their schedule is.
- So why not have students who have had at least 8 semester schedules use the power of Artificial Intelligence to make other's schedules easy to construct?

