

idea #1: study buddy (focusmate for students and with survey/profile)

pros:

- Recommendation system based on your profile + preferences
- Reduces friction to find compatible people
- Minimize effort to organize meetings/study sessions
- Holds accountability to show up and get work done
- Short and sweet work time, easy to focus
- Encourages people to meet others in similar courses/academic interests
- Can meet people on our platform and then connect elsewhere on a deeper level

cons:

- Might have awkward interactions
- People spend time chatting and not studying
- Not as novel or new
- Limited number of people, so may have bad matches early on
- If people reschedule or don't show then one person is left on the hook with no partner

idea #2: panopto grid view

pros:

- universal pause → students share pause/move forward/go back buttons
- highlights → get a summary/snapshot of the most important parts of a given lecture
- TA support to help students through lecture??
- Could have important applications with MOOCs or flipped classrooms
- Stanford study, watching with a TA and being able to discuss raises GPA
- Helps students ask questions in lecture without feeling awkward.
- From an educator side, can see where videos were paused most often and for how long
- Accountability of watching with friends, may be more comfortable to ask questions
- Could combine partner matching

cons:

- students pause for different reasons (i.e taking notes, getting food, bathroom) so it might be difficult to know when a "suggested" pause is valid/valuable
- TA availability/Staff availability to watch lecture
- Getting enough people interested to do use this consistently
- Is this scalable?

chosen design

idea #2: panopto grid view

rationale

After considering both options, we thought that Study Buddy (idea #1) wasn't novel outside of a recommendation system to match students based on interests. The Study Buddy idea also had some hurdles when considering follow through from the individuals who did sign up for the service and the possibility of hindering your studying instead of assisting in focused time.

Then, considering Panopto Grid View (idea #2), we thought it had larger implications for online classes with the flipped classroom and MOOCs. By having students view lectures together, they would be more accountable to actually watch the lecture, and based on Stanford research, retain more information.

User Flow

- 1) Sign up mechanism
 - a) Piazza like? Syncs with SimpleEnroll? Similar to section, or CS labs, etc etc you get it
- 2) Email reminder/link sent for beginning of lecture viewing
- 3) Sends you to platform to view lecture
- 4) Subdivided into groups based on algorithm ~~magic~~
 - a) Using video watching patterns (data on number of times paused, time taken to watch lecture), and time zones
- 5) Students begin viewing lecture, periodically stopped for questions
- 6) Students can also input their own questions and suggest a pause if necessary

3 Tasks

Simple task

Signing up for the service and a time to watch lecture

Moderate task

Picking a partner and sitting down at the proper time to watch the lecture

Complex task

Asking questions, pausing, and then answering questions.

Balsamiq Link:

<https://balsamiq.cloud/syakq5h/py2vuwr/r2278?f=N4lgUiBcCMA0IDkpxAYWfAMhkAhHAsjgFo4DSUA2gLoC%2BQA%3D>

User Flow

1. Fill out profile
2. Recommendation algorithm does its ~~ magic ~~
3. Email notification you've been matched with compatible studente
4. Automatic calendar invite for the study room
5. The "day of" -- grid view with multiple functionalities in the room: starting ice breakers / timers / icebreakers pomodoro method, music, etc

3 Tasks

Simple task

Accessing the "study room" from email to the platform

Medium

Filling out the questionnaire/study profile

Difficult Task

Using ice breakers / timers / icebreakers /pomodoro method functionality