Saphron Initiative *Edtech*
Plug-In for Partner Schools

The Dilemma

Current education-information and communication hubs are wildly decentralized—each individual step necessary to a strong learning environment often uses a a completely different platform; for example, to schedule an online class, one could hypothetically need to do the following:

1. Indicate so on a form-based service (e.g. Google Forms, etc.)
2. Fill out and upload the necessary documents to enroll in the class on an online site (e.g. DocuHub, Kami, etc.)
3. Reach out to their instructor (e.g. via Email or another type of messenger)
4. Schedule availabilities (e.g. on Google Calendar, Lettucemeet, etc.)

Parents, meanwhile, are often left in the dark as to what goes on in the classroom for long periods of time, as there are few direct channels between parents, instructors, and admin. Finding clarity usually requires parents to take the time to contact instructors and schedule a meeting, experiencing the same hurdles yet again.

Worse, should a parent or student have an important request, complaint, or piece of feedback, the process of making such a sentiment known is similarly difficult. This decentralization often dissuades both students and parents from taking a more active role in education; needing to log in to countless apps generates fatigue and misunderstandings, hurting the classroom environment as a whole.

The Goal

We aim to foster a relationship between parents, students, and admin by creating an all in one app/website combining useful communication tools from across the internet into one convenient place

Product Features

Direct messaging system
- Facilitates easy, quick communication between all parties, enabling:
    - Instructors to better adapt to students' needs
    - Parents to have full clarity regarding their childrens' education
    - Greater transparency and accountability for admin
    - Students ability to direct message each other (messages will be monitored to ensure conversations are appropriate)
    - Push notification system to reach out to parents and

students with important
information and reminders

Document management
- Accelerates the exchange of forms and centralizes vital organization information into one secure database.
- UI options to upload documents & Download documents to fill out
    - Examples: field trip forms, tardy slips, permission slips, PTA newsletters, extracurricular enrichment information, school profile

Surveys
- Seamlessly allows parents and students to reach out to admin with questions, concerns, and other important communication, lowering barriers to requests and accommodations, including
- Anonymous feedback form for use at any time
- Regular feedback forms
    - Weekly, monthly, after each lesson, after completion of a class, etc.
- Will include a ticketing system to raise administrative concerns such as facility issues or IT troubleshooting

Events calendar
- Streamlines event planning, preparation, and scheduling
- Built-in space to indicate availabilities
- Event reminders for enrichment/extracurricular opportunities
- RSVP forms & Interest forms

Impact

- Reducing the education barrier by making school activities more accessible to students and helping create a healthy level of parent involvement
    - Creating the infrastructure necessary for projects to increase accessibility for students and families without home computers in the future.

App/Website

- Each user will need an account – login interface necessary.
    - Option 1: fully secure intranet, where users have unique IDs to enter the system and is managed by an internal server
    - Option 2: is easier to implement, users simply use their Google school accounts to access the app, managed on the cloud servers
    - Similar to TJHSST Ion, with a sidebar to select and/or look at any of the 5 key features (app)