



# I-Schedule

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## Overview

I-Schedule is a scheduler that enables a user to send a query that asks other users for their availability to attend a meeting. Those “member” users confirm their availability out of a list of times chosen by the “host” user. The “host” user is given the responses to their query and can determine when to start the meeting based on that feedback.

When a “host” user starts a new meeting, an SMS and email notification will be sent to all involved “member” users, prompting them to submit their preferred time for the meeting. This information will be saved in a Firestore database and communicated back to the “host” user who will be asked to designate a time for the meeting. Once the meeting is set, all users involved in the meeting will receive notifications again and have an option to add the event to their calendars.

## Technologies Used

1. Firestore databases to store users and created/pending meetings
2. React/Flutter based mobile app platform (Undecided)
3. Google Calendar/iCloud/WebEx Calendar integration

## Our Approach/Methodology

We plan to build either a Flutter or React based mobile app with a Firestore database to store user and meeting information remotely. Ideally, we'll also implement some form of Google or Apple Calendar integration to add created meetings to the involved users' calendars. Another functionality that could be added is a grouping feature, enabling a collection of users that frequently meet to quickly and easily set up a meeting.