



# Attendo

A course project by Team 13 for CSN 291.

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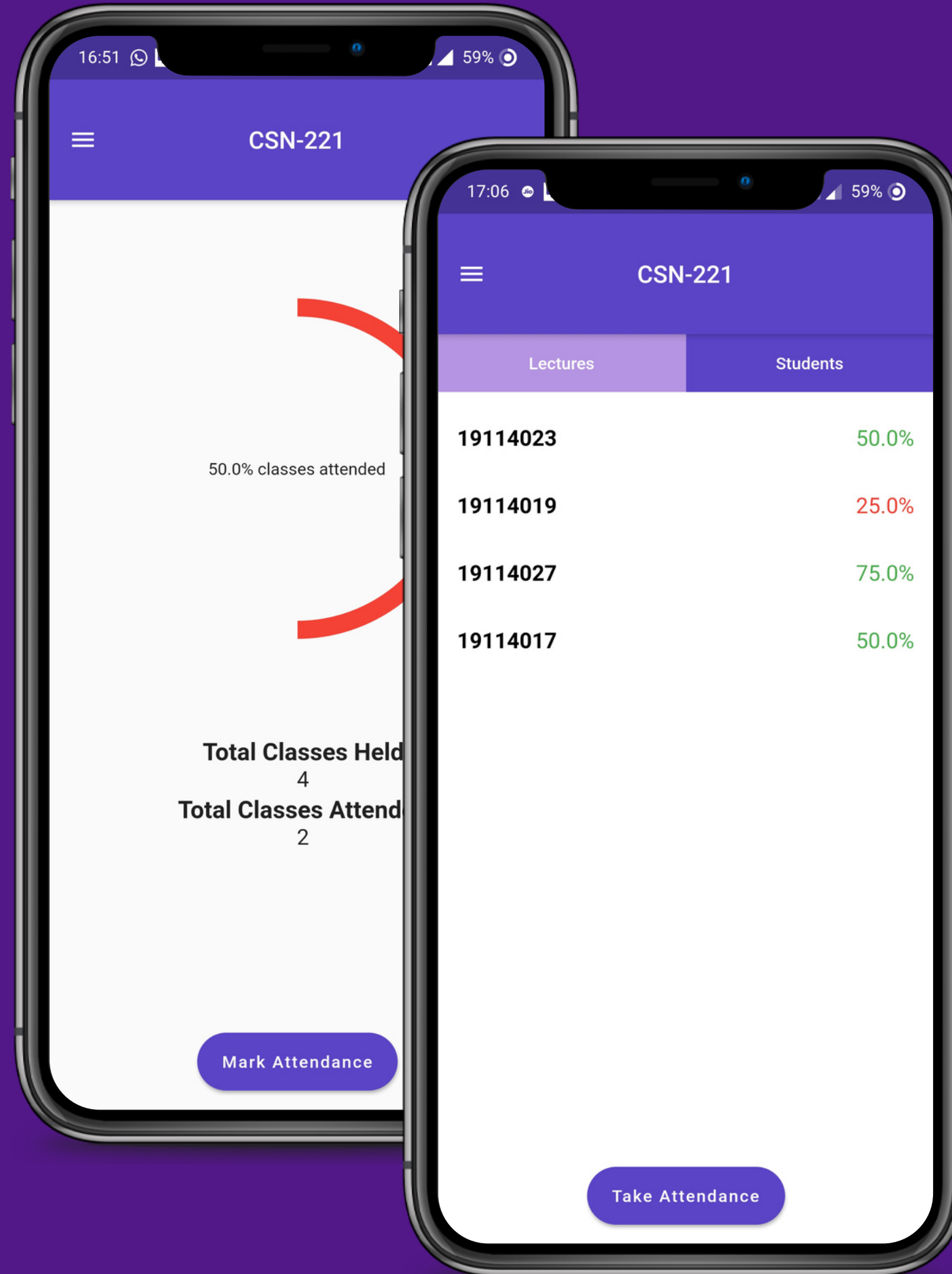


## THE PROBLEM

- Taking attendance the classical way is time-consuming and sub-optimal.
- Data taken manually isn't accessible for analysis until the very end unless the professor painstakingly enters the records every day.
- The inaccessibility of data is disadvantageous for both student and teacher.
- With a manual roll calls, concerns regarding sanctity of the records always exist.



# The Solution



## ATTENDO IS EASY TO USE

With a simple and clean UI, The data remains ever so accessible for both the teacher and student. The student can check if his attendance is not too low and the professor can pick up on attendance trends much earlier.

## ATTENDO IS SAFE

Never will the professor have to worry about proxies. With functionality to prevent marking attendance from the same IP twice, a student can't just shout "Present!" twice and get away with it!

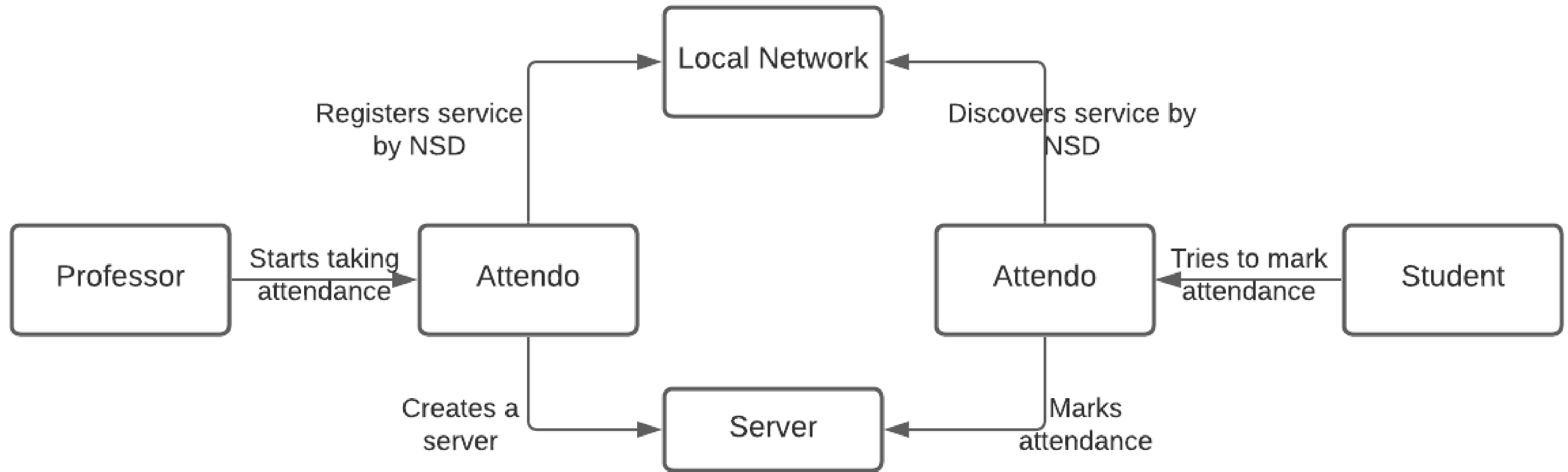
# THE TECH STACK



Flutter framework for mobile development.

Google Firebase for backend implementation

Bonsoir library for NSD coupled with TCP  
Sockets for Networking



**Networking Workflow** (Server handles validation logic)

Here's how taking attendance takes place.  
It's that simple!

# THANK YOU



[github.com/Attendo-App/Attendo](https://github.com/Attendo-App/Attendo)

