**SWAPPER**

**Problem Statement:** Not everyone gets their desired hostel during the hostel allotment period. Many students want to switch hostels to be with their friends or for other reasons. As a result, there are tons of requests in college WhatsApp groups to switch from, let us say, hostel x to hostel y. It becomes very tedious and time-consuming to find a message in which the other person is in the student's desired hostel and wants to swap with his allocated hostel.

**Solution:** I have built a cross-platform app called "Swapper", which takes students' basic information and their allocated and desired hostels. It also uploads this information to a firebase database. Then a result page consisting of the name and contact information of all the students who are eligible to swap with the user is displayed. The user can easily talk and swap hostels with the other person using this information. This solution prevents the chaos caused by bombarding WhatsApp messages, and ultimately no one is able to find a match for their swap.