

The Impact of Incentivization on the Usability of a Crowdsourced App

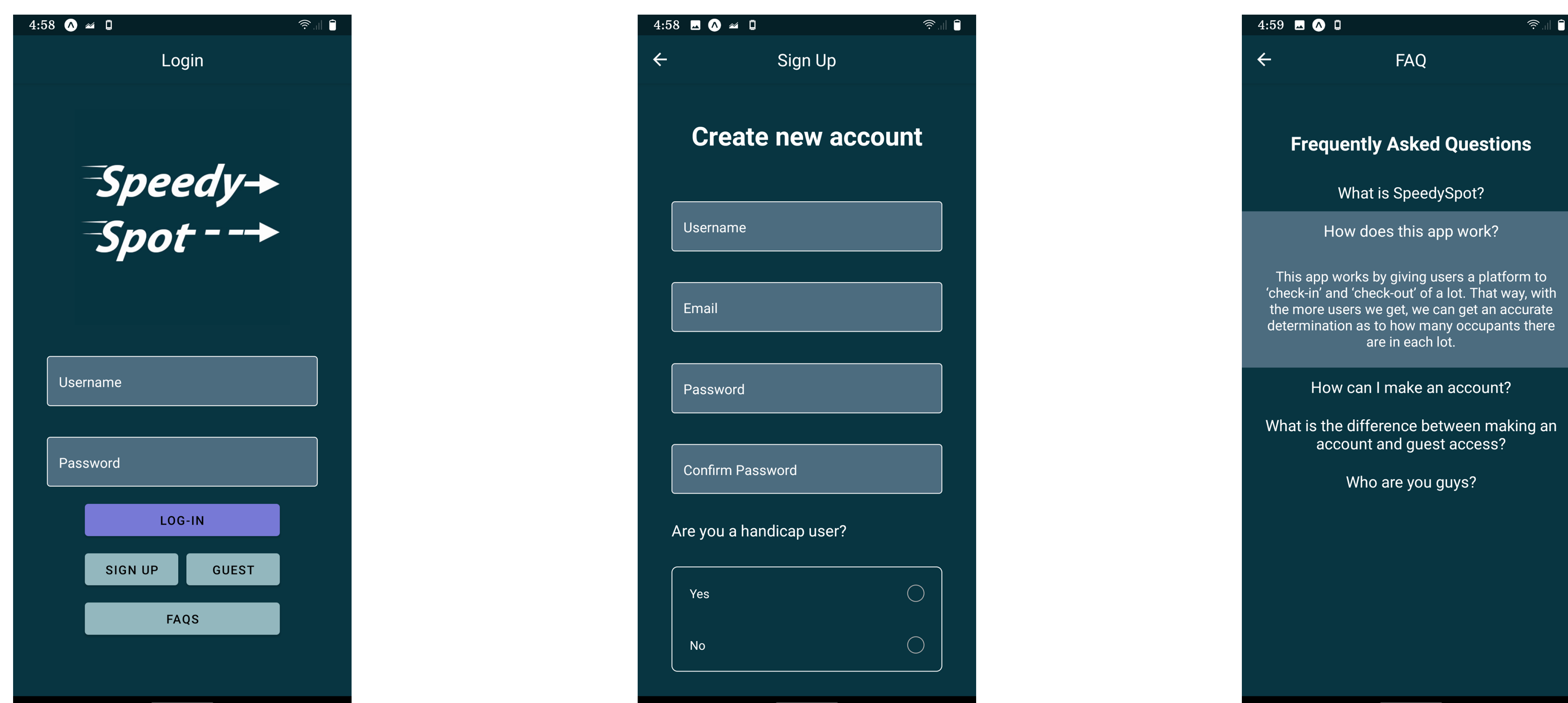
Abstract — SpeedySpot was created to help alleviate parking congestion on the Stony Brook campus by allowing students, faculty, and staff to crowdsource live parking information from each other. Presently, a student or faculty member may go to a parking lot at a certain time of the day and not know how many spots are available, but with SpeedySpot app, users would have an accurate idea as to how many spots are available in a parking lot while also being able to use their GPS applications to guide them to it.

We have developed a React Native application for both Android and iOS devices which not only show parking information, but also allows users to “check-in” to one of 33 parking lots on campus once they start their visit. Once

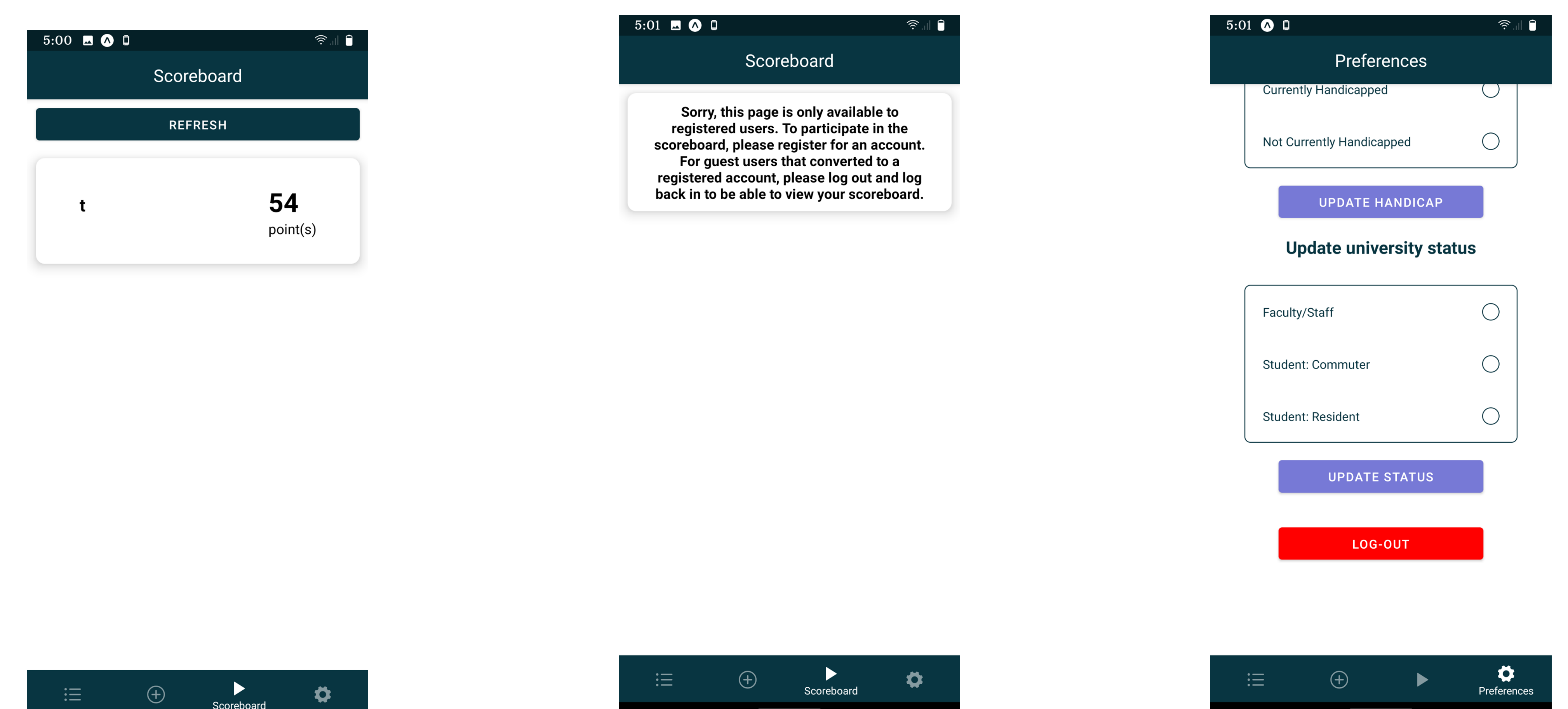
they are done with their stay, they can check-out. It’s as simple as that. Registered users get a point for each check-in and would be able to redeem their points for a reward once they hit a certain number. This would not only encourage our users to contribute to the app for some fun rewards, but also to help the overall Stony Brook community.

Ideally, with more and more users, we would have an accurate idea as to how many spots are available, and would hopefully not just reduce parking congestion, but also reduce the wasted time and frustration that comes with not being able to find a spot.

Login and Signup Screens



Scoreboard and Preferences Screens



View Lots and Check-In Screens

