CSE 197 Summer Internship Symposium

The purpose of the project is utilize IBeacons which uses low energy blue tooth to speed up the transaction of processing the user's info. With the concept, we are able to use technologies that otherwise would be too time consuming to use such as finger print recognition.

Background

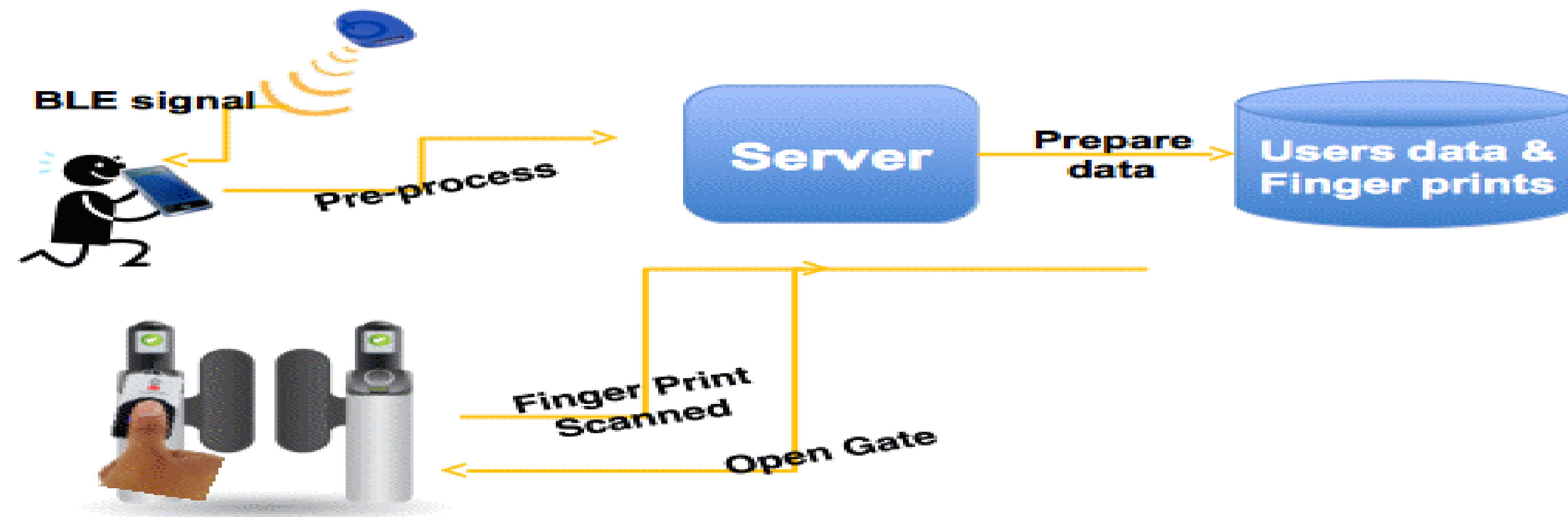**Company**: Cubic Transportation System
Project: IBeacon In Transit
Product: IOS app
Start Date: 6/23/14
End Date: 9/12/14
Location: 5650 Kearny Mesa Rd, San Diego, CA

Key Achievement

Our supervisor gave us the task to speed up the transaction speed of the public transaction of ticketing. However, I also came up with an idea that eliminates the card that was used to charge the user for using the public transportation with a phone. Our supervisors were as excited when we showed them the functionality. I am proud to see that the team believed in the idea and implemented the idea and impressed our supervisor. From the experience, I feel more confident in trying new ideas and in my creativity. It will help me grow as a software engineer by always being willing to try new things and not be afraid to be rejected.

Connection to UCSD

In the internship, I used my knowledge I learned about servers and debugging which I learned from UCSD. From CSE 110, I was fortunate enough to experience working in a team setting which benefited me in the internship. Communication was especially important in working efficiently with the team which allowed us to work efficiently and help each other whenever we had roadblocks. From the internship, I will bring back my passion and desire to learn back to UCSD because I experience so much but I can also see that I have so much learn.

Perks

1. Free coffee, fruit, and bagels
2. Occasional free lunches
3. Every two weeks, free massage
4. Car service
5. Ping pong table for free time

Technical Tools Used

1. Node.Js
2. Xcode
3. SVN
4. Visual Studio
5. Mou

Follow Up Course I want to Take

1. Web Service
2. Database