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The Problem?

Meeting People can be hard at a large school like USC



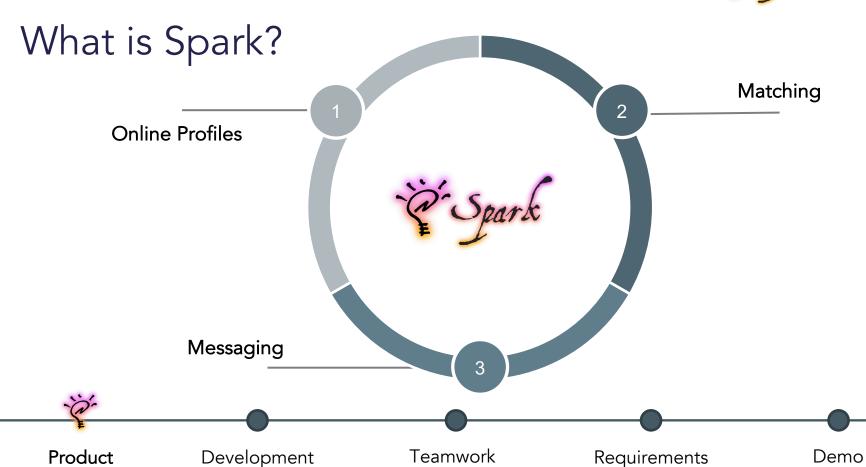
Students feel isolated on campus as they struggle to find community













Data Structures

Data Management

- HashMap of Potential Matches
- Vector for displaying matches
- Stack of all Users for Swiping
- Set of all existing matches for a user

Data Communication

JSON for passing data from Servlet

Swipe Page Stack Example



Profile 1

Profile 2

Profile 3

Profile 3







Data Structures

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Swipe Page Stack Example

Visible Profile →







Teamwork



External Classes

Technical

- 1 CSCI 104 DS & OOP
- 02 ITP 140 Mobile Apps
- O3 ITP 303 Full Stack Web Development
- 04 ITP 104 Intro to Web Design

Business

- O1 BAUD 301 Tech Entrepreneurship
- O2 BAUD 304 Organizational Behavior
- O3 BAUD 302 Communication Strategies







Professional Development



Design

Coding 2. Version Control



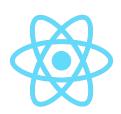




Skills and Tools



Product





















Product Design

Positives



Using External Libraries and Frameworks



Simple, organized
Databases

Negatives

Repetitive Code – CSS Across Pages



Confusing Page Navigation





Product









Teamwork

Positives



Communication Outside of Meetings



Documentation Provided Structure

Negatives

Merging Code at the Fnd



Confusing Page Navigation













Login Functionality

Guest Users



View Registered
User Profiles



Navigate between different pages

Logged-in Users

Match and Like other Profiles



Message Matches in Chatroom















Login Functionality

Premium Users



View which users have liked you and match with them if you choose







Networking & Multi-threading

Networking





Tomcat 9



Live-Match **Notifications**



Messaging Matches









Demo





Demo



Thanks! Shout out to Alfonso for being the 🦙 CP





Demo

Product Development Teamwork Requirements