Defining The Product

The product would be a mobile application called 'CareDiscover' that would help users find childcare facilities with enrollment vacancy. Users would be shown a search input feature that would curate a map with pinpoints of daycare providers. The map would show three types of pinpoints to indicate the status of enrollment for each daycare. Red pinpoints indicate full vacancy, yellow would indicate upcoming vacancy, and green would mean current available vacancy. The 'CareDiscover' application is made for two types of users in mind: childcare facilities and parents seeking care for their children.

User Requirements

All users would need to authenticate and verify their emails and passwords. They would need to either manually input this information or link it to a social media or integrated email (Google, Yahoo) account. These created profiles would be required to input values for key-value pairs to provide more context about each user. For example, a

parent user could indicate in their profile they have a three year old child and that they are seeking care within three months. Providers would be required to show their current or upcoming vacancy availability, logo, address, website url, and license in order to be registered within the application to insure authenticity of their business establishment.

User Profiles: Care Seeker

Jane Long is a 32 year old single mother looking for care for her three year old son. She works Monday through Friday at a downtown San Jose office job from 8am to 4:30pm. She requires a daycare that is open 30 minutes prior to and after her work. She hopes to find a daycare no more than 15 miles from her home, has immediate vacancy, and has a Yelp rating of 4 stars or more. After inputting her user profile information on the 'CareDiscover' application, she is given a map of the nearest daycares in her vicinity. The green pins signal available providers that match her user preferences.

User Profiles: Daycare Provider

Learning House is a childcare provider center in San Jose. They often get emails about their enrollment availability and curriculum. They decide to join 'CareDiscover' by registering their email address, business name, website, and a file upload of their logo and business license. Additionally, they fill out their hours of operation, address, a link to their curriculum, and list their student to teacher ratio. Learning House would receive analytical reports on user behavior involving searches matching their care information.

Product Requirements

Both users should be able to seamlessly create and login to their accounts. There should be multiple user authentication options from manual email inputs to social media and email account (Gmail, Yahoo) log in integrations. Users should then be able to

always have this option available for subsequent logins in the future for easy access.

Requirement #:   72   Requirement Type: 5   Event/use case #:   7

Description: The application must be able to support user inputed email signup and

logins along with social media and popular email login account connectivity.

Originator: Project Manager of Our Imaginary Software Application Company.

Fit Criterion: Users need easy access to be able to sign up and log in within 15

seconds. Authentication requirements using either a manually inputted email and linked

social media or email accounts must be functioning and always working.

Customer Satisfaction: 8   Customer Dissatisfaction: 10

Priority: Urgent. Top priority.   Conflicts: None.

Supporting Materials: Requirements documentation on user authentication.

History: Raised by the project management team on September 8th, 2024.

Requirement #:   47   Requirement Type: 9   Event/use case #:   12

Description: The application must be able to prompt users for their information.

Originator: Design Lead of Our Imaginary Software Application Company.

Fit Criterion: Users need to be given an immediate prompt form with input values to

verify and establish their business or childcare requirements.

Customer Satisfaction: 7   Customer Dissatisfaction: 9

Priority: Urgent. Top priority.   Conflicts: None.

Supporting Materials: Requirements documentation on user profiles.

History: Raised by the design team on September 10th, 2024.