



▶ fetcher.live

Aziz Angels

- ▶ Group #5
- ▶ Team Members:
 - ▶ Hamza Aziz (HAA037)
 - ▶ Holden Gutwin (HCG369)
 - ▶ Liam Hilkewich (LLH430)
 - ▶ Tanmay Pathak (TAP861)
- ▶ Product Name: Fetcher

The logo for 'fetcher' is displayed in a bold, white, lowercase sans-serif font. It is centered within a large, solid orange square. The square is positioned on the right side of the slide, which has a dark blue background on the left and a white background on the right.

fetcher

Agenda

Product Vision, Features & Architecture

- By Tanmay

Personas/Roles & Epics

- By Holden

User Stories

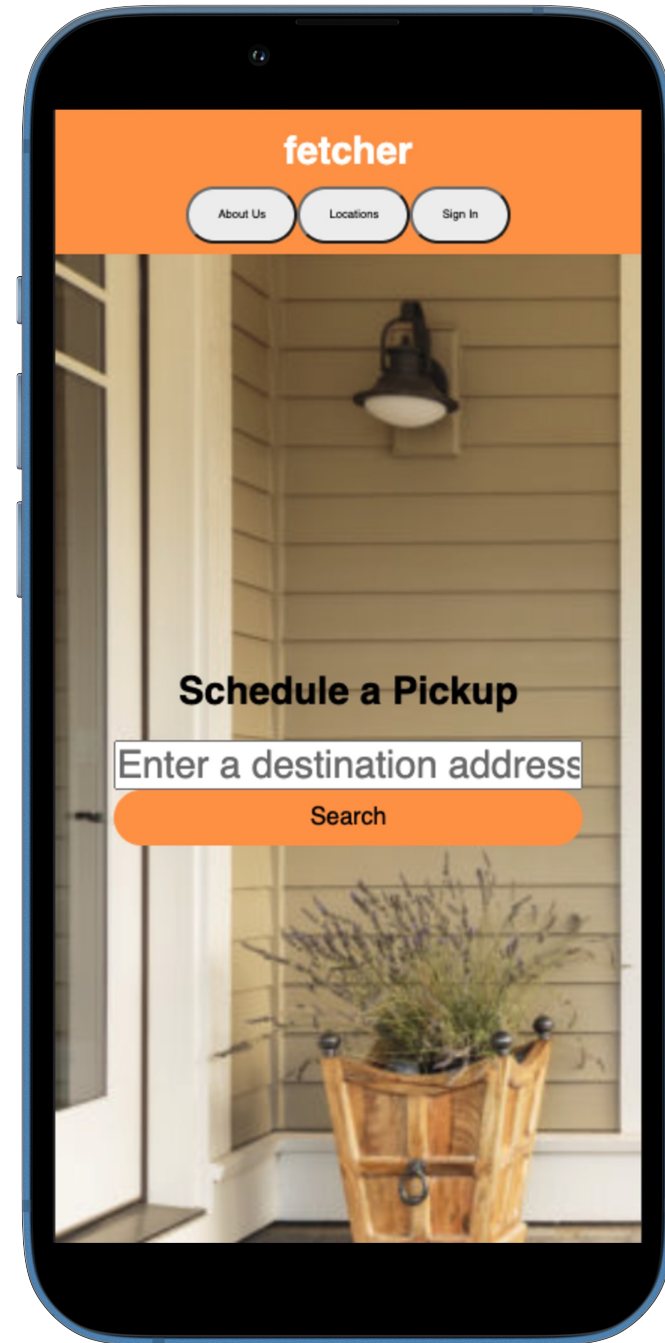
- By Hamza

Quality Assurance Plan & Next Steps

- By Liam

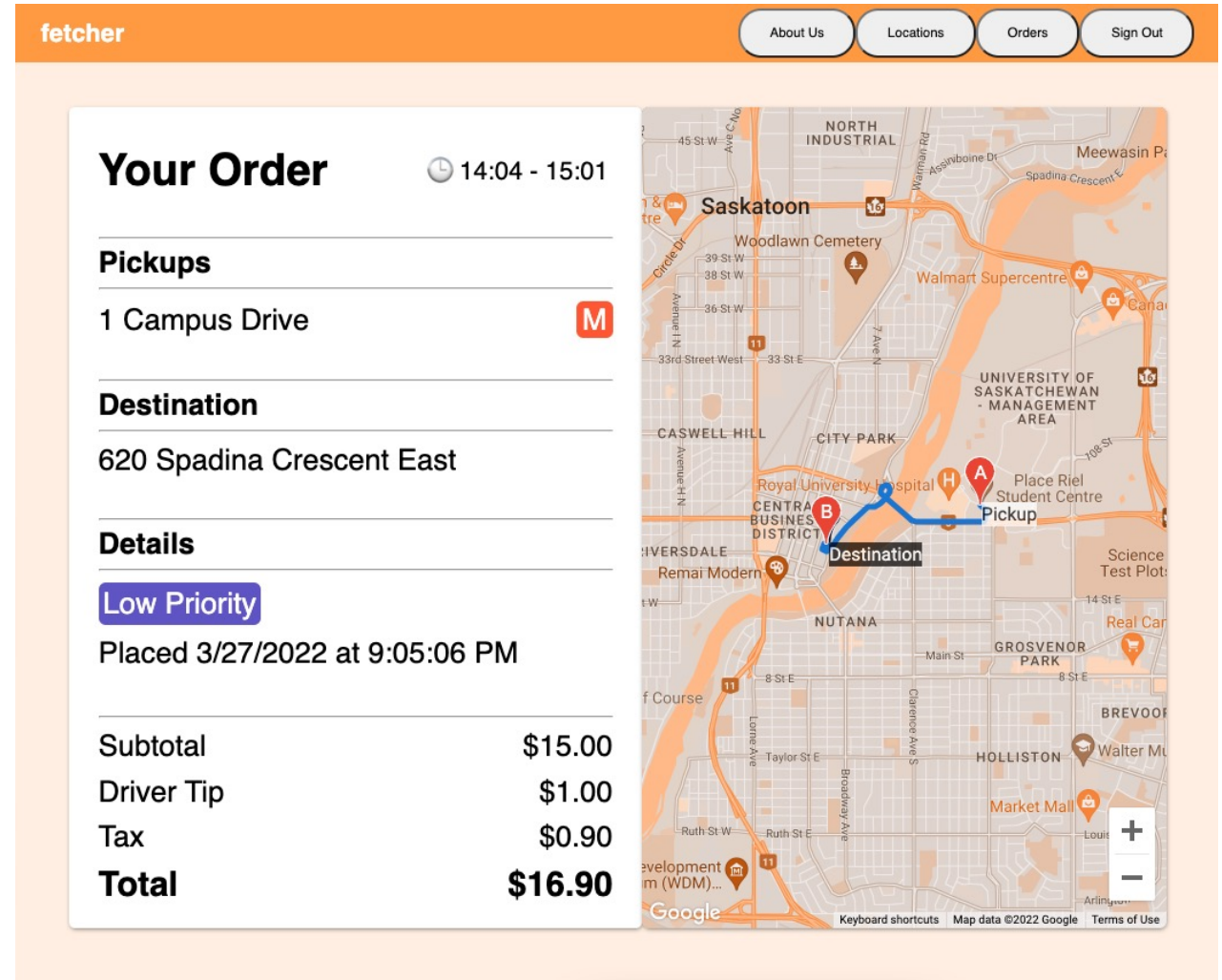
Product Vision & Description

- ▶ Web application to move packages from point A to B
 - ▶ For business & personal use
 - ▶ Handles every step of the process
- ▶ Vision
 - ▶ Web-based
 - ▶ Mobile friendly
 - ▶ Beautiful UI/UX
 - ▶ Easy to deploy & maintain



Features

- ▶ Full PWA support
- ▶ Google Maps integration
- ▶ Code splitting with SSR
- ▶ Login functionality
- ▶ Email notifications
- ▶ APIs to integrate other delivery providers



Architecture



Client & Driver Side: Next.JS

Styling: Styled-components

Database: MongoDB Atlas

Server Infrastructure: Vercel

Login: Next-Auth with Google & Discord

Maps: Google Maps

Personas/Roles and Epics

- ▶ Billy - Personal Manager
 - ▶ Wants to save time by getting packages delivered rather than picking them up
- ▶ Hammy - Tech-Savvy Millionaire
 - ▶ Wants to ensure safety of his home deliveries while he is travelling abroad
- ▶ Jasmine - Immunocompromised Artisan
 - ▶ Wants to deliver her homemade sweaters to friends and family
- ▶ Zohaib - Local Marketplace Maverick
 - ▶ Wants to sell his products on local marketplaces contact-free
- ▶ Kevin - Paranoid Patron
 - ▶ Is convinced aliens are real and out to get him - leaving the house is not an option!

User Stories

Billy

- ▶ Ship a package to a client's house in an hour or less
- ▶ Manage package deliveries from a mobile device

Kevin

- ▶ Give the driver delivery instructions
- ▶ Specify the individual pickup locations

Jasmine

- ▶ Ship a package contact-free
- ▶ View delivery options and prices

Zohaib

- ▶ Schedule multiple deliveries of multiple items
- ▶ Receive confirmation when a order is completed

Hammy

- ▶ Add additional pickup instructions
- ▶ Set the time of pickup and delivery
- ▶ View a list of all past deliveries

User Stories - Billy

- Ship package in an hour or less

Delivery Time: 13:23 - 14:23

Priority: Low ▼

Tip: \$0.

Low
Medium
High

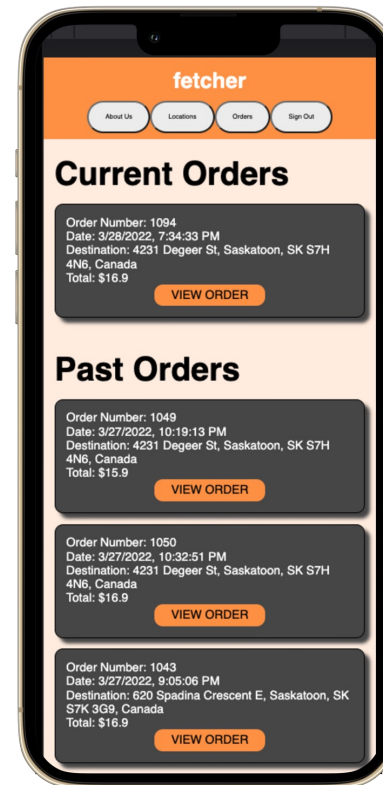
Tax: \$0.

Low
Medium
High

Preferred Time of Delivery:

01:23 PM ⌚ - 02:23 PM ⌚

- Use on a mobile device



User Stories - Kevin

- Specify individual pickup locations

Destination Address
123 Main St, Saskatoon, SK S7N 0B3, Canada

Address:
1 Campus Drive, Saskatoon

Address:
10 Administration Place, Sa

- Add extra delivery instructions

Important Details ⓘ
Brown box at front door

Extra Details:
Fragile

Drop Off Instructions:

User Stories - Jasmine

- ▶ Ship a package contact-free

Drop Off Instructions:

Leave the package in the bush near the house!

- ▶ View delivery options and prices

Priority: Low	Priority: Medium
Tip: \$0.00	Tip: \$0.00
Tax: \$0.90	Tax: \$1.50
Cost: \$15.90	Cost: \$26.50

Priority: High
Tip: \$0.00
Tax: \$2.10
Cost: \$37.10

User Stories - Zohaib

- ▶ Schedule multiple deliveries of multiple items

Current Orders

Order Number: 1095
Date: 3/28/2022, 9:25:53 PM
Destination: Konihowski Rd, Saskatoon, SK S7S, Canada
Total: \$31.8

[VIEW ORDER](#)

Order Number: 1096
Date: 3/28/2022, 9:26:20 PM
Destination: Konihowski Rd, Saskatoon, SK S7S, Canada
Total: \$15.9

[VIEW ORDER](#)

- ▶ Receive confirmation when an order is completed

contact@fetcher.live via se... 10:06 PM (6 minutes ago)
to me ▾

Hello Liam Hilkewich,
We have successfully delivered your order at fetcher.live.
Your order number is 1044.

[↩ Reply](#) [➡ Forward](#)

User Stories - Hammy

- ▶ Set the time of delivery

Preferred Time of Delivery:
01:23 PM ⌚ - 02:23 PM ⌚

- ▶ Add additional pickup instructions

Important Details ⓘ
lphone in mailbox

Extra Details: ⓘ
orange case

Add new package with same address

- ▶ View a list of all past deliveries

Past Orders

Order Number: 1047
Date: 3/27/2022, 10:15:54 PM
Destination: 211 Evergreen Square, Saskatoon, SK S7S 1N1, Canada
Total: \$17.9

VIEW ORDER

Order Number: 1045
Date: 3/27/2022, 10:06:28 PM
Destination: 439 Mahabir Cres, Saskatoon, SK S7S 1L9, Canada
Total: \$28.5

VIEW ORDER

Quality Assurance Plan

- ▶ Merge requires 1 reviewer
- ▶ Automated code analysis in our CI/CD pipeline
- ▶ UI prototyping and task walkthroughs
- ▶ Google JavaScript style guide
- ▶ Unit, integration, and system testing
- ▶ Group programming sessions
- ▶ Daily virtual standups
- ▶ Weekly scrum meetings

Next Steps



Implement payment with Stripe



Modify the price calculations



Improve the driver side UI



Customize sign-in



Add live-tracking

Questions





Thank you!