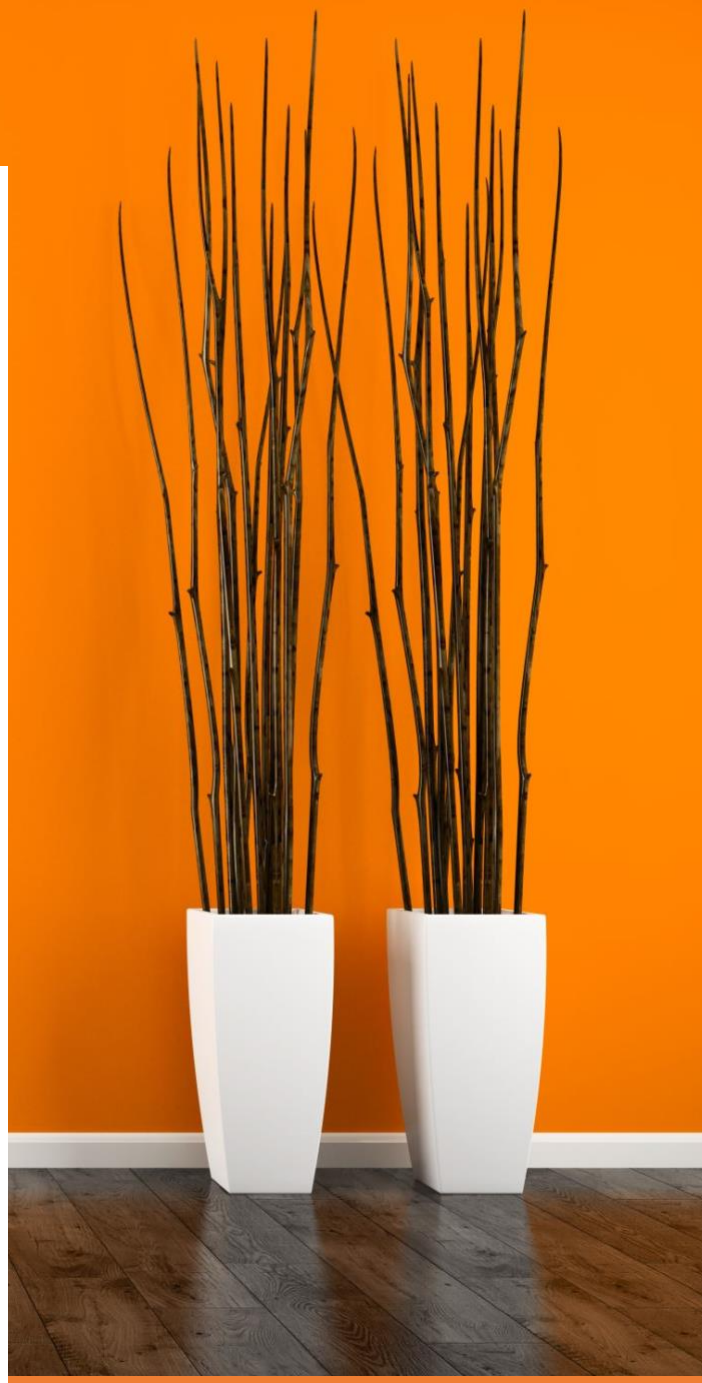
# Product Proposal



SEPTEMBER 17

**SQ – 03 – Springboks**
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Takeaway.com

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# System Description

The goal of this project is to develop an app for Takeaway.com to their set specifications. The app that will be developed is a courier-client messaging app, with the main functionality of the app being a messaging system that communicates the clients of Takeaway.com to their couriers. The app will be developed and tested for the android platform. Using a backend and front end written in the Java programming language. The database that was chosen for this application is the PostgreSQL database. The user interface design will be created using mostly Adobe Xd, and will be designed following the specifications in the Takeaway.com visual identity as closely as possible.

# Stakeholders

1. Takeaway Dev Team
   - ➔ Project Institutor.
   - ➔ Main source of information during project.
   - ➔ Will be the person to check if all deliverables comply to the standards of the project.
2. Couriers
   - ➔ Main users of the to be developed system.
   - ➔ Not much influence in how the product is developed
3. Customers
   - ➔ Main users of the to be developed system.
   - ➔ Not much influence in how the product is developed
4. Software developers
   - ➔ Creators of the to be developed system
   - ➔ Choices they make influence the lives of everyone who uses the system, will not actually be using the system.

The stakeholders above categorized into a Power influence matrix:

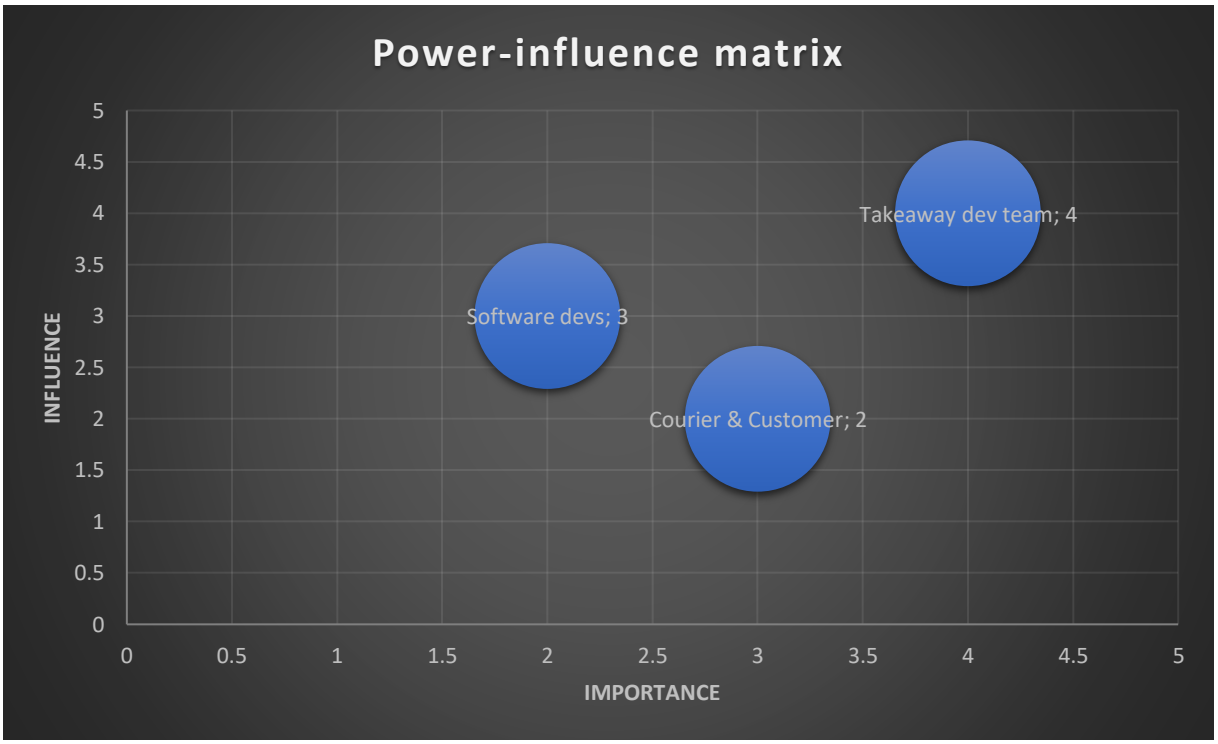
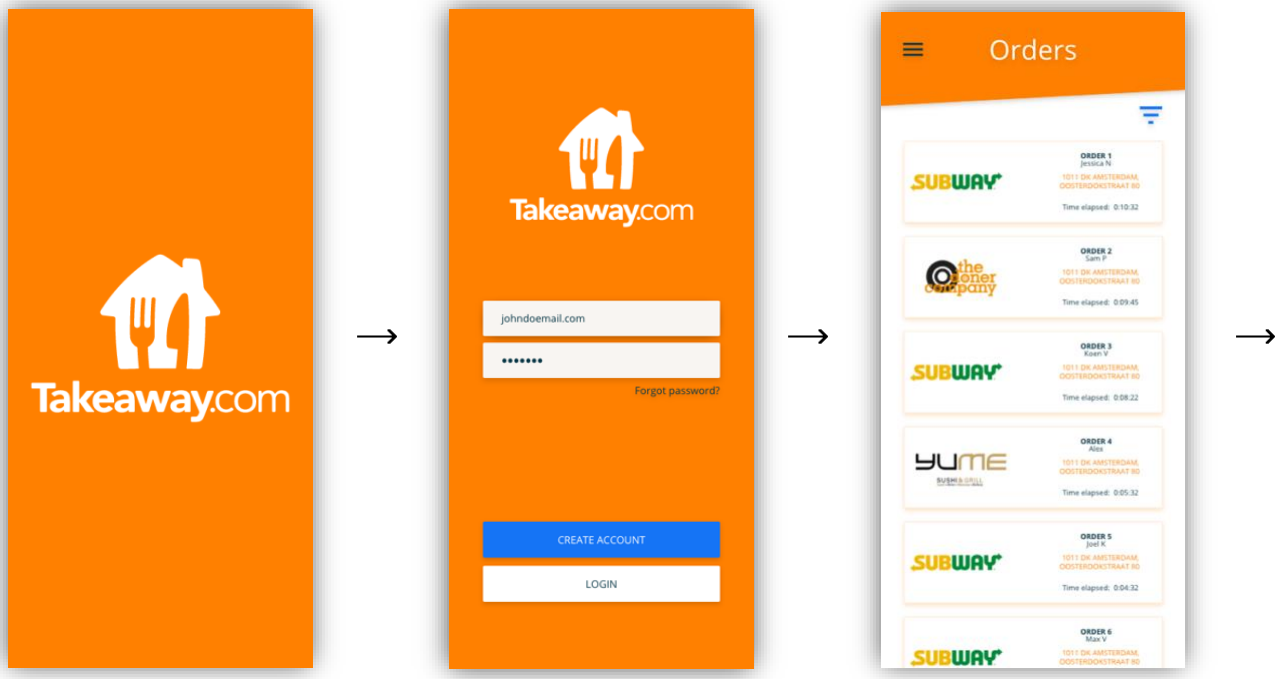


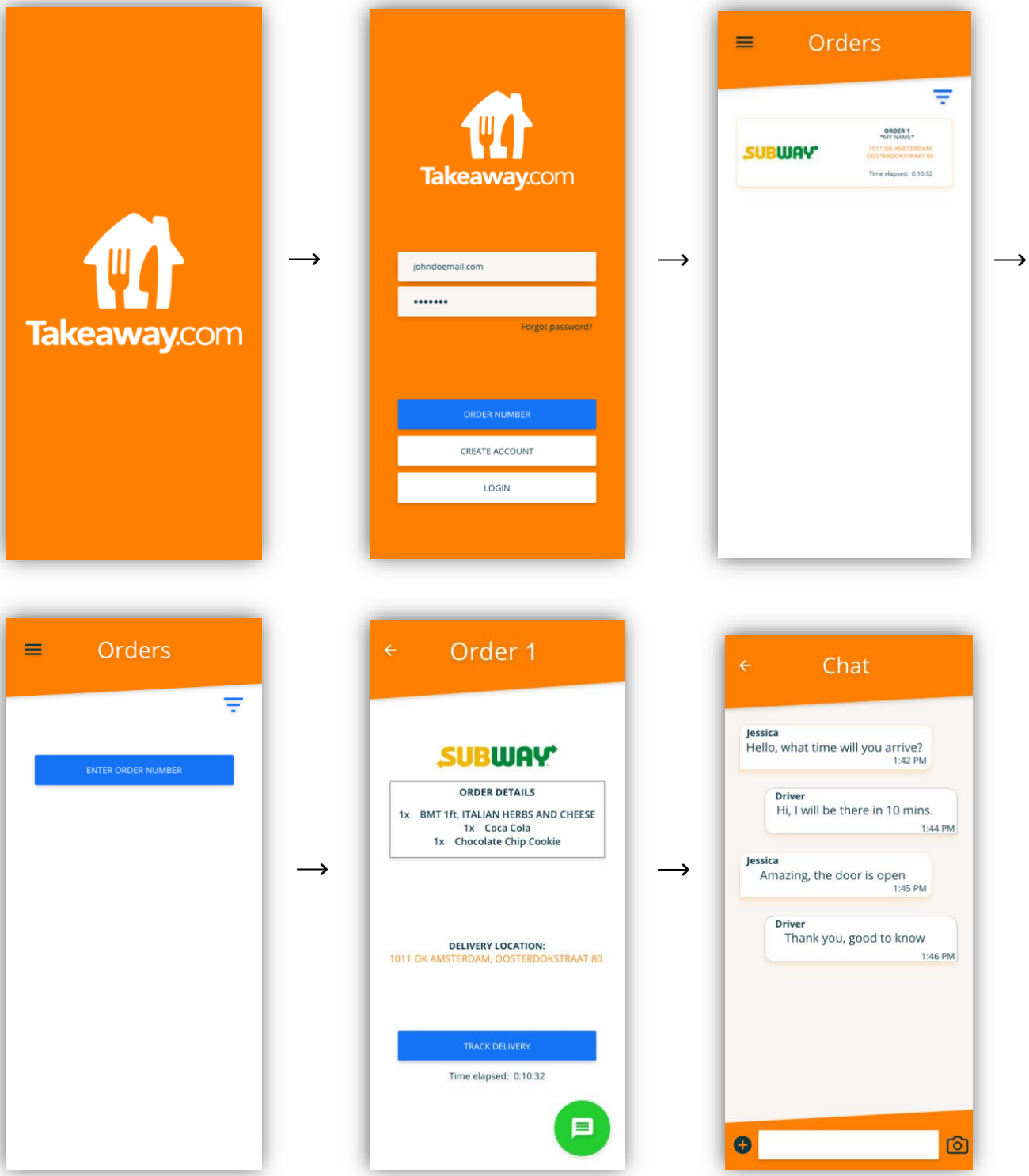

*Figure 1 Power - Influence matrix*

# Design

## Courier flow:



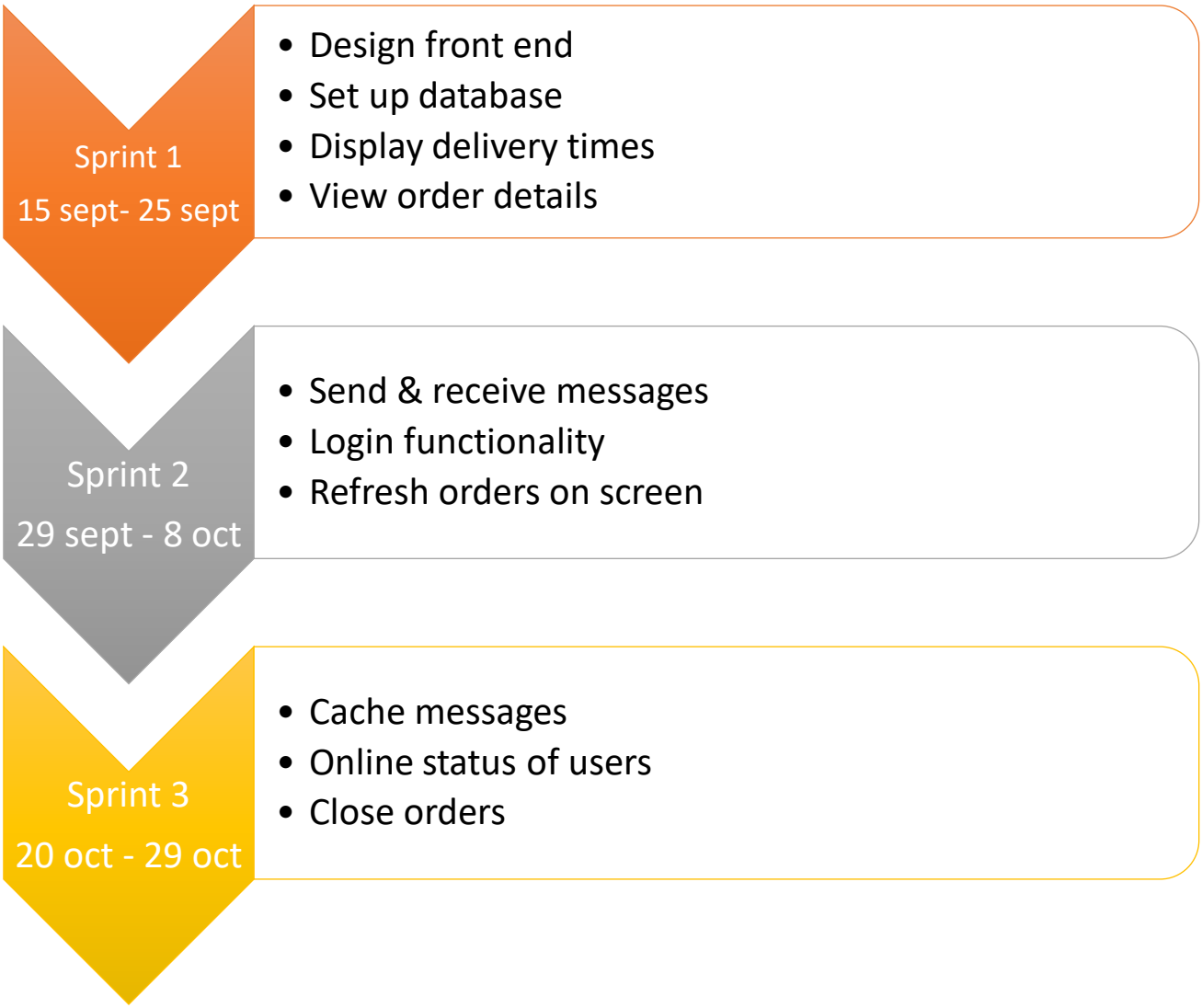
## Customer flow:



# Stories

| Issue | Description | Weight |
|---|---|---|
| Design Front-End | To get all UI elements added and navigation to work | 55 |
| Set up Database | The database design from ERD to SQL is created. | 34 |
| Display delivery-time | As a customer I want to see when the order is going to be delivered so that I can plan the courier arrival. | 5 |
| View Order details | When viewing an order in the app there should be displayed the name of the restaurant, a product list, a date, and a delivery time selected by the customer. | 3 |
| Send Messages | As a customer, I want to be able to send messages to a courier when I have placed an order so I can communicate with the courier. | 21 |
| Login functionality | Both customers and couriers need to be able to log in to the app, for the customer this should be optional | 13 |
| Refresh Orders | As a courier, I want to be able to receive new orders so that I can view the details of an order I'm going to deliver | 8 |
| Cache Messages | As a user all messages sent without an internet connection will be cached and sent when an internet connection is reestablished | 13 |
| Online status of user | As a customer it should be possible to view the courier status. Example: When a courier does not have internet connection the courier has an offline symbol next to their name | 13 |
| Close Orders | As a courier, I want to be able to mark an open order as delivered so that order closes. | 2 |

# Sprints


Sprint 1
15 sept- 25 sept
Design front end
Set up database
Display delivery times
View order details
Sprint 2
29 sept - 8 oct
Send & receive messages
Login functionality
Refresh orders on screen
Sprint 3
20 oct - 29 oct
Cache messages
Online status of users
Close orders