

Team Name: Visionary Vortex

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Fresh n' Clean

Fresh n' Clean is a web application for laundry delivery services. This app is designed to allow customers to place laundry orders and manage them simultaneously. Customers will be notified when their job request is accepted, provided with driver and laundromat information, and given updates on the cleaning process. Additionally, drivers will be notified when a job is available, provided with pickup, delivery, and laundry load information, and given any other relevant notes. Payment and service fees will be transparent and available through the app, similar to other delivery service apps such as Doordash, and will include laundry costs, pickup/delivery fees, service fees, app fees, and tips. This product is a convenient way for consumers to save time and effort in their day while receiving exemplary laundry service right at their doorstep. The app will be designed to be user-friendly, making it efficient for both customers and employees to navigate the app.

Users: Our target demographics as customers for Fresh n' Clean are primarily people in urban to suburban areas in somewhat close proximity to laundromats. However, people who live in other rural areas will also be able to use the application if they find it valuable and helpful to themselves. People who either do not have easy access to washing machines and dryers within their buildings or simply do not have the time necessary to

do it themselves will find convenience in this application. Additionally, people without a convenient source of transportation and smaller businesses who don't need to wash clothes in extreme bulk would be able to find great use from our website. Even people who just do not want to spend valuable time cleaning their laundry will benefit. Each of these users would free up time and money spent going back and forth from the laundromat.

The other target demographic for Fresh n' Clean is our drivers, who are people primarily looking for a part-time or full-time job as a delivery service driver. People who are currently jobless or want to make some extra cash, and can drive, will be able to provide quality service to our customers seeking a convenient laundry service.

Laundromat Owners: One significant stakeholder in our application is the laundromat businesses, or more specifically, the owners of the laundromat businesses themselves. The owners of laundromat businesses will benefit greatly from our application. For one, it will increase the amount of people who end up using laundromats by providing easier access to them. The owners can even choose to partner with our application themselves, potentially providing priority to their locations on searches or other benefits that will drive business for the laundromats.

Developers: We, the developers, might be the most important stakeholders in our application. We get a lot out of this project. It not only serves as valuable experience creating web applications to solve real-world problems, but if successfully implemented, could even serve as a revenue stream for a successful business.

Drivers/Contractors: Independent contractors are another important stakeholder of our application. They would be working as liaisons between the users and the laundromats, and would pick up the users' laundry and clean it at a specified laundromat. They would be able to make money delivering laundry without the large time commitment often required by other jobs. They would be able to make their own hours when it is convenient for them. Furthermore, there is a low bar of entry to get the job, all that would be required is a legal method of transportation.

Our web application intends to use a lot of technologies to facilitate its business on the web. Naturally, as a web application, it will have to use JavaScript, HTML, and CSS as the foundation of the website, providing visuals and functionality. The web application will have individual user accounts, so there must be a backend structure to accommodate this functionality. This backend will use PHP for instructions and MySQL as the database provider to hold user information. Another important aspect of our application is its ability to locate laundromats for users to select from, so our application will have to use an external API to obtain the location data of laundromats and users. There are multiple options for this but we are favoring the Google Places API because of its scalability and ease of use. Our application will also need an API to interface with user payments, to provide safe transactions and trustability, so it will also use a PayPal API to perform online transactions.

The functional requirements for our web application will be to have a website with functional JavaScript, to conduct requests to and from the database to obtain information regarding user accounts, and a functional backend that is able to store user information in a database and update and retrieve this information. It will also need a functional implementation of a location API such as the Google Places API to retrieve location information on laundromats to convey to users.

The non-functional requirements of our project are a professional website and an external payment implementation. The website does not have to look good to be functional, and payment can always be conducted in person in lieu of the online technology (though a less than ideal implementation). Some additional non-functional features of our web application could be a history of orders viewable by each order, a rating (star) system for both users and drivers, advertisement functionality to provide an extra source of income for the project, and even additional ways to customize your laundry order through time scheduling and types of washing (dry cleaning, bulky, etc.).

We expect to begin work on the project in mid-September, where we will focus on developing just the website itself until implementing features like the API and database over October. After achieving basic functionality, we will work on polishing the site and ironing out the user experience by conducting informal interviews with potential users and observing their experience with our web application. During all this time we will meet twice a week to conduct bi-weekly Scrum sessions, to encourage accountability and productivity between developers. Given extra time, some of the additional

non-functional features can be implemented as well. The application should be completely functional and polished by the end of November.

Figma:

<https://www.figma.com/design/Lk3Uw23f64XlymWbUevbSh/VisionaryVortex?node-id=0-1&node-type=CANVAS&t=RkBByHTu8ixZyIQW-0>

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Re-enter Password

First Name

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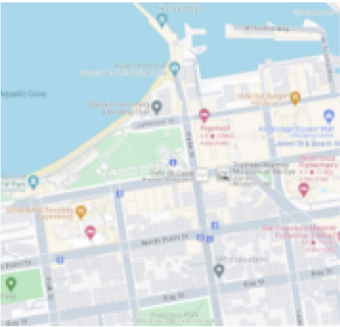
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Schedule





Date

08/17/2023

MM/DD/YYYY

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26 27 28 29 30 31 1

2 3 4 5 6 7 8

9 10 11 12 13 14 15

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23 24 25 26 27 28 29

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ClearCancelOK

Order Now





Schedule a delivery

Site name

TopicPagePagePage

TopicPagePagePage

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Fresh n' Clean

Stress-free laundry runs for anyone, anytime

[Create Account](#)

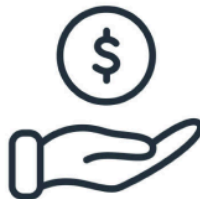


Why Choose Us?



Time

Busy? Spend the time doing more important tasks and not worrying about your laundry!



Affordable

Reasonable pricing for everyone's budget!



Convenient

Forgot to do laundry? Schedule a repeated laundry run for every week or every other week. Your choice!

FAQ

FAQ

How does this work?

Select a time and laundry amount and one of our employees will pick up your laundry. After the laundry is done, they will drop it off at the designated location.

How is the price calculated?

The cost depends on the amount of laundry you have and the distance from your location to the nearest laundromat.

Is this available all around the world?

We're currently only available in the cities listed on our Location page but we're looking to expand further.

[Schedule a run now!](#)



Our Partners



Troy Laundromat

1999 Burdett Ave Troy, NY 12180



RPI Quad Laundry Room

1999 Burdett Ave Troy, NY 12180

Recent Reviews

"Amazing. 10/10 would do it again."



John Doe
A very busy person

"Love being able to schedule weekly laundry runs. One less thing to think about"



Kirby
The pink round thing

"Super affordable. love this!!"



Mario
The guy from Brooklyn

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Fresh n' Clean



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