PROCURELINK

UBUNTU TECH

2023
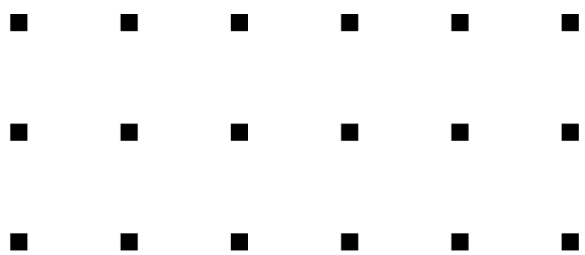
CONTENT

PROBLEM STATEMENT

The conventional public procurement process in South Africa suffers from inefficiency, lack of transparency, and susceptibility to corruption. Consequently, there is a significant impact on unemployment rates and job cuts, as businesses struggle to compete for government contracts, COVID-19 and stagnant economic growth. In 2022, South Africa's unemployment rate stood at 34.9%, with 11.6 million individuals employed in the public sector. This indicates that nearly half of the unemployed population in South Africa holds the potential to become suppliers in government contracts, private sector collaborations, or engage in peer-to-peer business transactions. Leveraging the expertise of experienced professionals, particularly those with marketing skills who were adversely affected by the COVID-19 pandemic, can offer valuable support to struggling businesses in townships. We adopted a design thinking approach can help identify innovative solutions to address these challenges.

Solution

A new and innovative procurement platform that effectively addresses the inefficiencies, opacity, and corruption risks of the traditional process would significantly contribute to overcoming these challenges. By streamlining the procurement process, improving transparency, and facilitating seamless collaboration between buyers and sellers, this platform would enable businesses and individuals to compete more effectively for both private and government contracts or jobs. As a result, it would not only create job opportunities but also stimulate economic growth in South Africa.

PROJECT OBJECTIVES

Objective n° 1

Provide a platform for SMEs to expand their reach & capabilities by employing freelancers to offer services on their behalf

Objective n° 2

enhance transparency and fairness in public procurement.y promoting transparency, all stakeholders can have equal access to opportunities, and the evaluation and awarding of contracts can be conducted in a fair and accountable manner.

Objective n° 3

foster efficient collaboration between buyers and sellers. By promoting collaboration, the application aims to improve the quality of bids, streamline the evaluation process, and ensure successful contract execution.

Objective n° 4

Contribute to solving the United Nations SDG's.
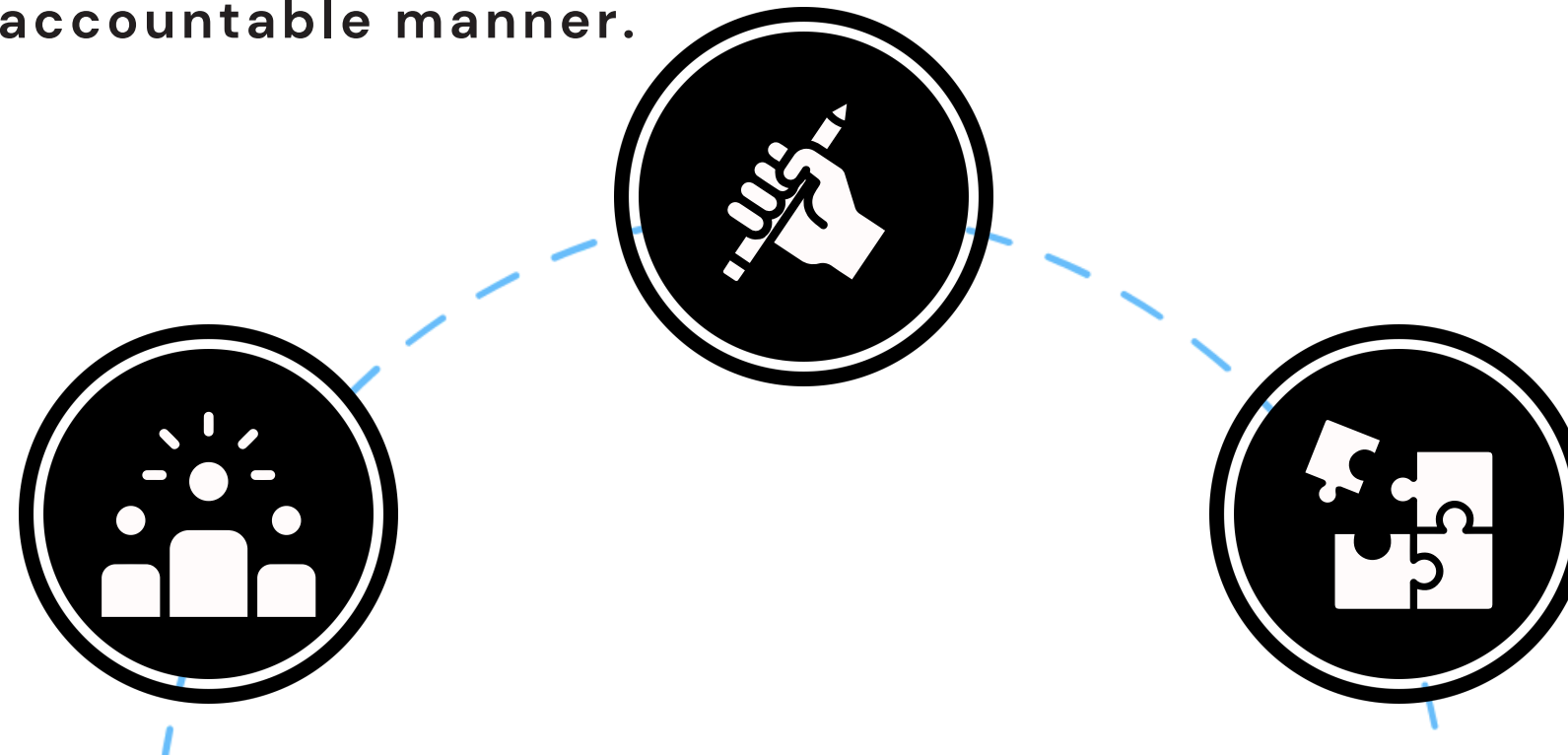
SDG'S ADDRESSED

ProcureLink has the potential to contribute to several Sustainable Development Goals (SDGs) by addressing specific challenges and promoting positive outcomes.These include:

SDG 8. Decent Work and Economic Growth:

Procurelink promotes inclusive economic growth by creating opportunities for freelancers, irrespective of their location or background. It enables individuals to access a greater marketplace, find work, and earn income

SDG 9. Industry, Innovation, and Infrastructure:

By leveraging blockchain technology, Procurelink fosters innovation in the gig economy. It provides a decentralised infrastructure that streamlines the freelancing process, enhances trust, and facilitates secure and efficient transactions.

THE GLOBAL GOALS

- **_SDG 10. Reduced Inequalities:_**

Procurelink addresses inequalities by breaking down geographical barriers and opening up job opportunities for individuals in remote or underserved areas. It promotes inclusivity and equal access to employment, reducing disparities and empowering individuals from diverse backgrounds.

- **_SDG 16. Peace, Justice, and Strong Institutions:_**

Through its transparent and immutable ledger, Procurelink enhances trust and accountability in freelancing transactions. It reduces the risk of fraudulent activities, disputes, and payment conflicts, thus contributing to the establishment of fair and efficient institutions.
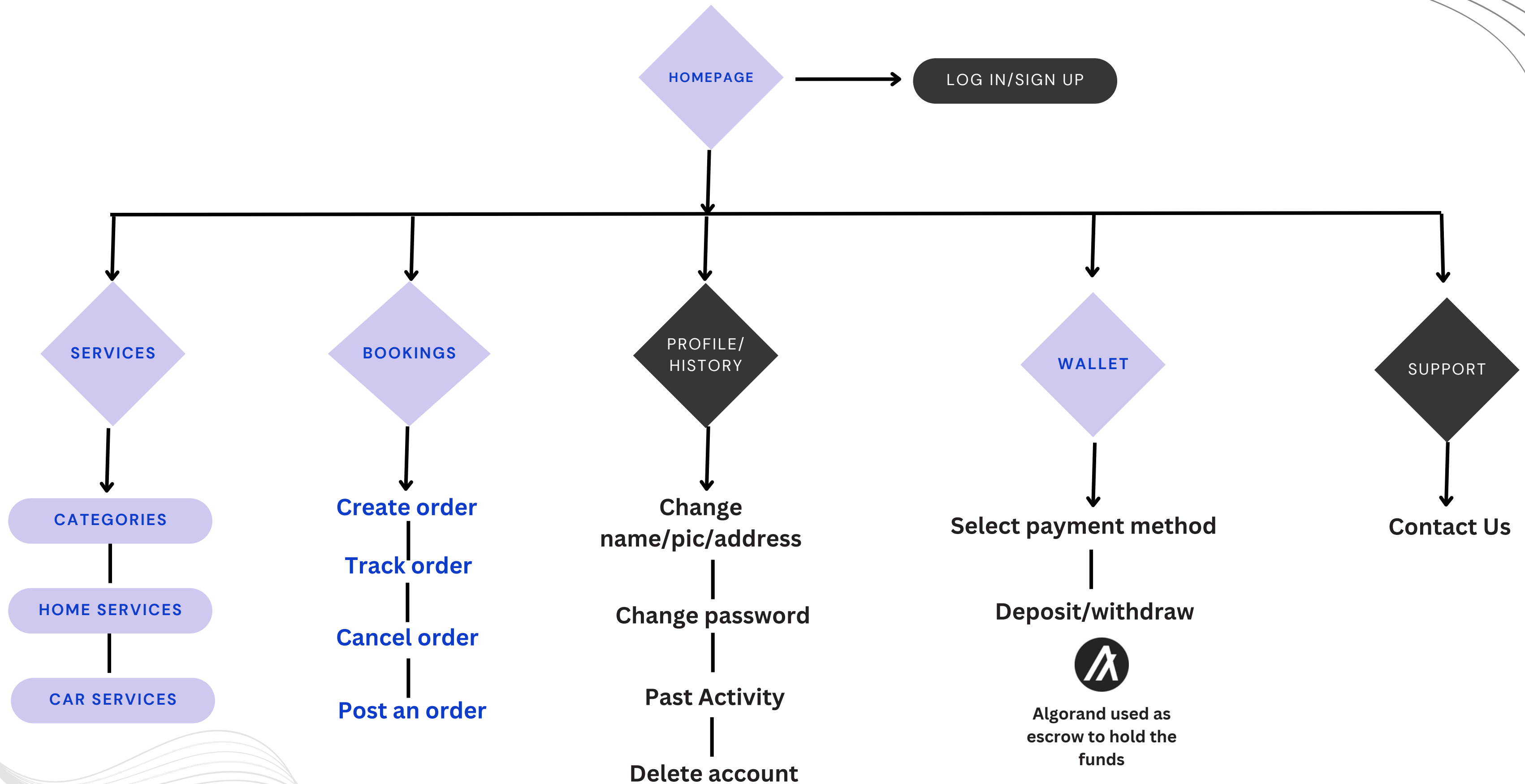
- **_SDG 17: Partnerships for the Goals:_**

Procurelink encourages collaboration among freelancers, clients, and other stakeholders, fostering a sense of community and mutual support. It facilitates partnerships between freelancers and clients globally, promoting knowledge-sharing, skill development, and collective progress.
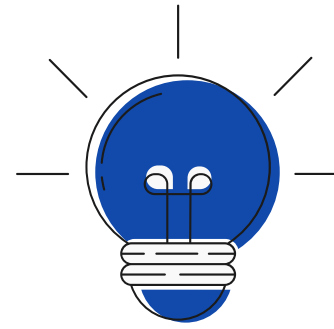
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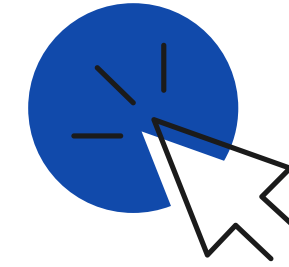
PROCURELINK FEATURES
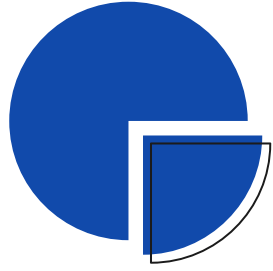
Get a piece of the Jobs Pie

Post micro tasks that don't require much to do for others to do for you.
For example: Build a wall for 10000 algos
You post via images, video or just write text.

Post a Job Spec

Post a job that you want to be done for you. The tender will appear on a map where people can click to open the jobs.

Analyze and track success.

As a job seeker, you will be able to get the **history** of all your jobs and how much you have made (Paid via algo cash)

Algorand Smart contract

Smart contracts will be employed to ensure that we enforce the contract and that it is valid, when its completed then it will alert the entire pool of people if its valid or for security features and the agreement.

Come as an Individual or Company

Do the job as a company or individual by having a profile that covers what you do, services, address, full registration information.
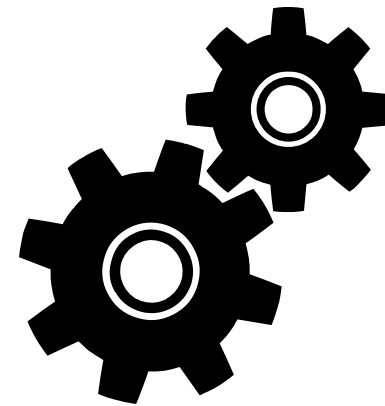
Verified, Secured Profiles

In order to verify the safety of our members, FICA documents will be required where user information will be sent through in order to have security for all user.
Extra features based on the algochain will be added.

THE TECH

Front-End

- *JAVASCRIPT*
- *HTML*
- *CSS*

Middle Tier

- *Business logic*
- *Algorand Smart Contract*
- *Api's and external services*
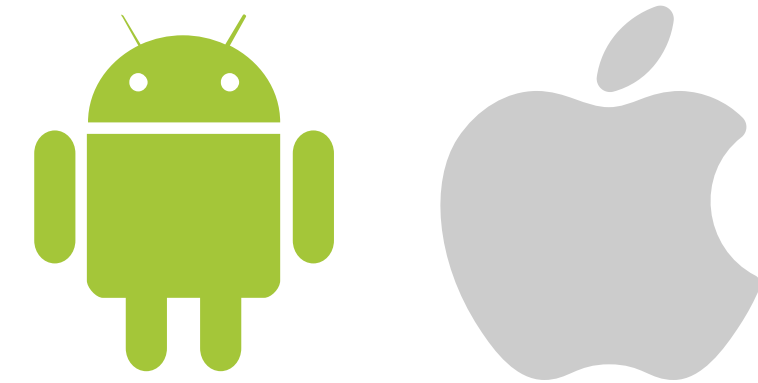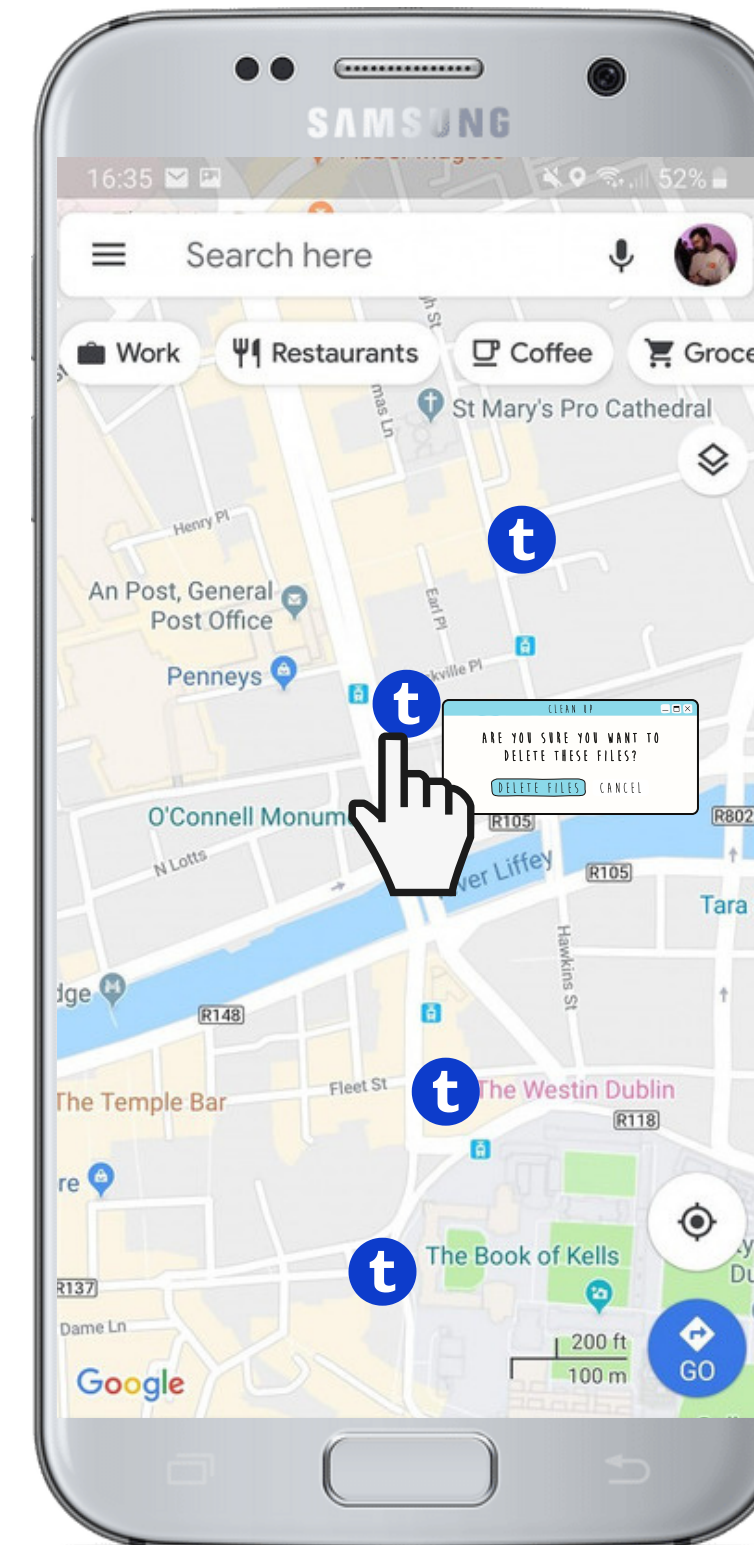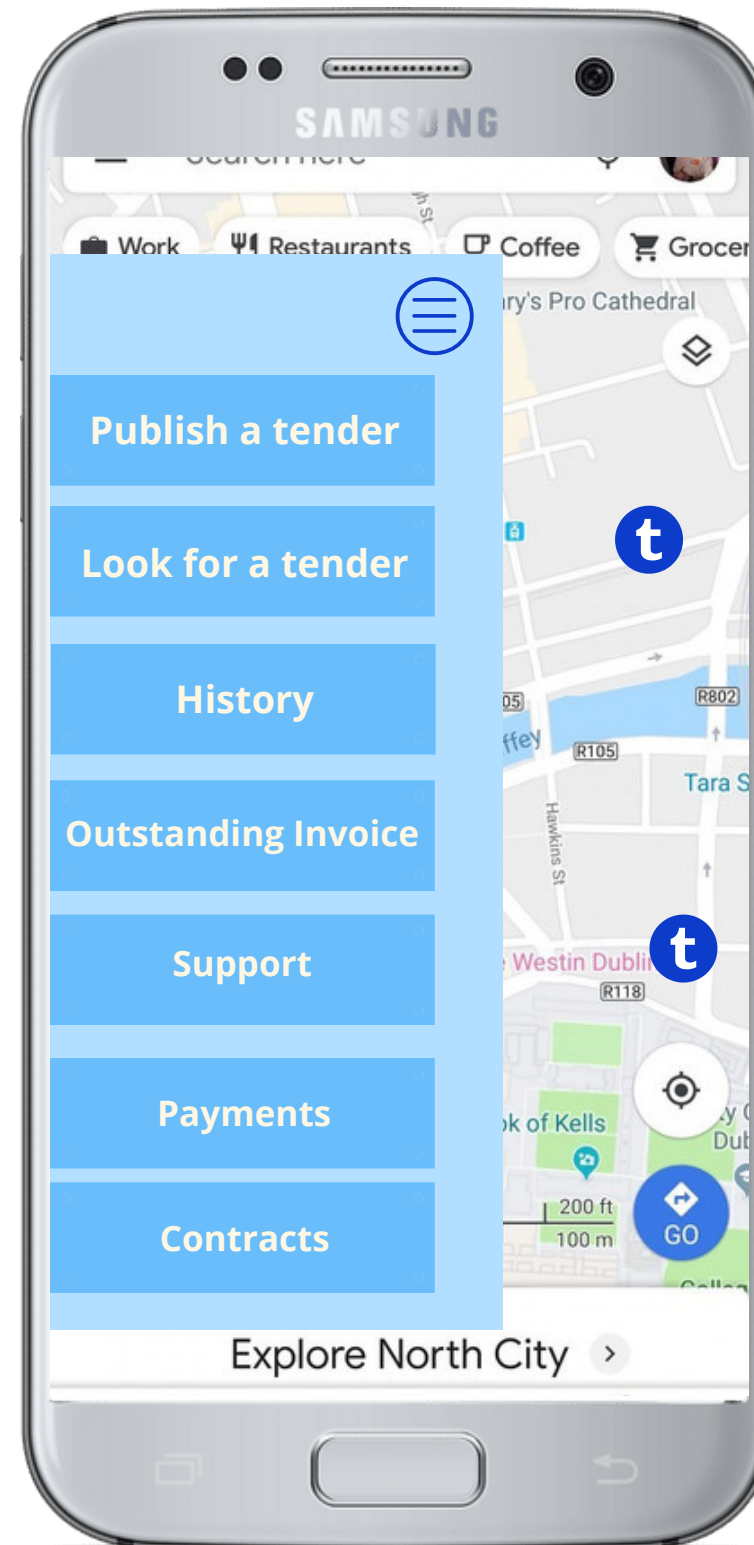- *User validation*
- *User handling and authorization*

Database

- *MySql Workbench*
- *PG admin*

Deployment

- *Algorand SDKs*
- *Teal*
- *Algorand Testnet*

FUTURE FEATURES

Procurelink

LOGIN

REGISTER

Publish a tender

Look for a tender

History

Outstanding Invoice

Support

Payments

Contracts

Explore North City

- *Increased verification & Safety*
- *Subscription option*
- *Combine data-fetching strategies*
- *Power Parity pricing strategies*
- *More detailed service comparisons*
- *Service Ratings and comments*

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