**sumato** solutions

# Project Case Study

## Electrical Installation Service App

Delivering Communication Solutions without compromise.

# Project
# Overview

Appselec is an Australian company, that offers electrical and communication solutions and serves multiple sectors, such as medical, residential, industrial, commercial, etc. To help streamline their operations, Sumato Solutions developed a custom web application for Appselec. This solution updated their job costing and project management processes, integrated existing databases, and updated their financial workflows. Our collaboration resulted in custom modules like job costing services & Dakonex that led to enhanced business growth and efficiency.
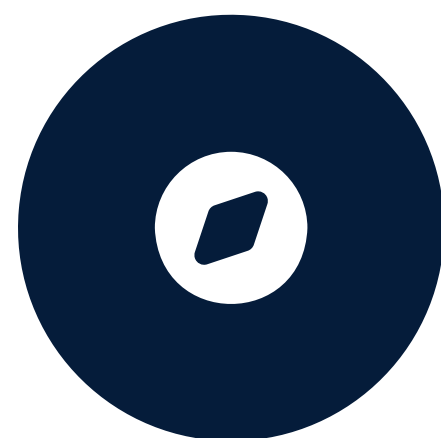
**Challenge**

Appselex experienced operational inefficiency due to its reliance on an outdated MS access system. Manual processes for managing job costing, projects, and finances created operational complexity and increased the risk of errors that impacted their business performance and productivity

Our team developed a customized web application using Angular and ASP.Net Core to enhance operational efficiency and reduce process complexity. We also designed a user friendly interface to improve the overall user experience and increase engagement.

**Solution**

# Implementation Process

We worked closely with the Apselec team & took a deep analysis of inefficiencies caused by the outdated MS Access system. Our experts identified the key areas for improvement, including project management, finance processes, and job costing. To ensure seamless navigation and simplify task complexity, we created a user friendly interface to enhance customer engagement. Using Angular and ASP.NET Core, we built a custom web & mobile application and updated the system while integrating it with its existing database. Our quality assurance teams performed multiple testing techniques to ensure the performance and functionality of the solution. We deployed the solution, reducing errors, improving operational functions, and increasing productivity. In addition, we also featured Appselec with Dakonex and job costing services to support business growth.
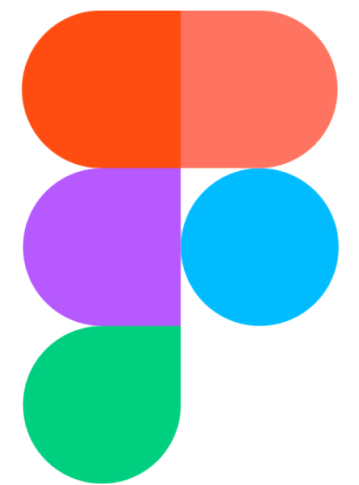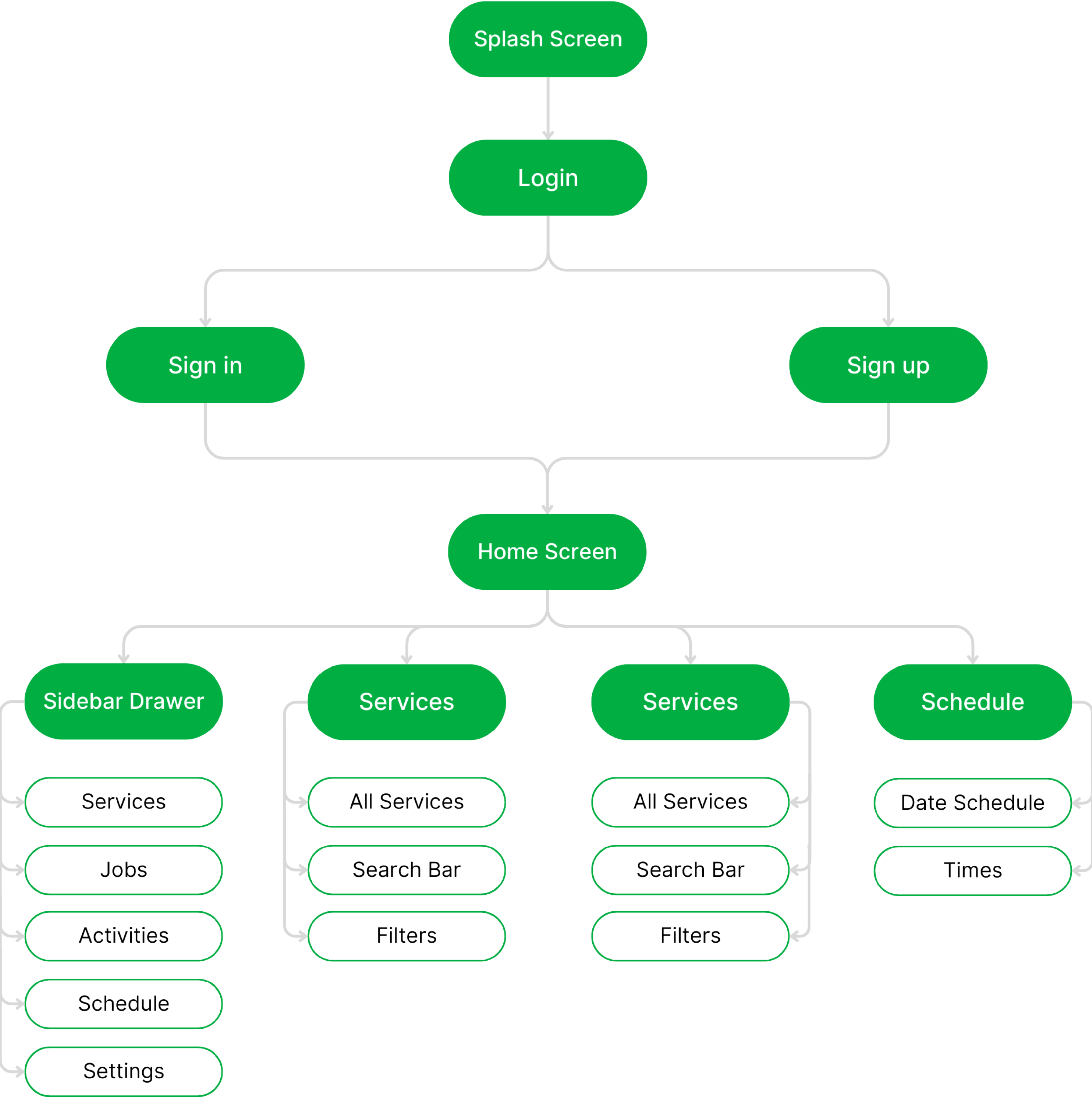
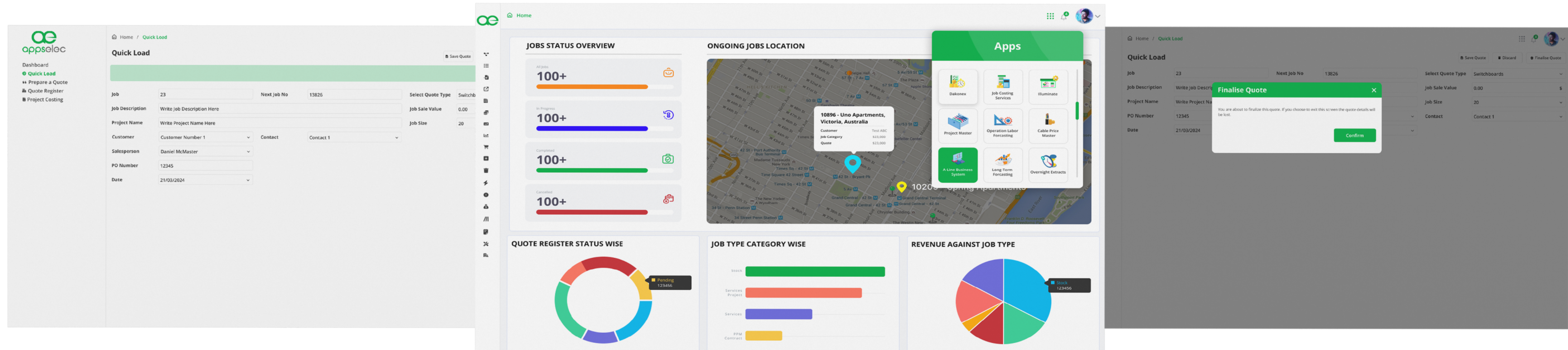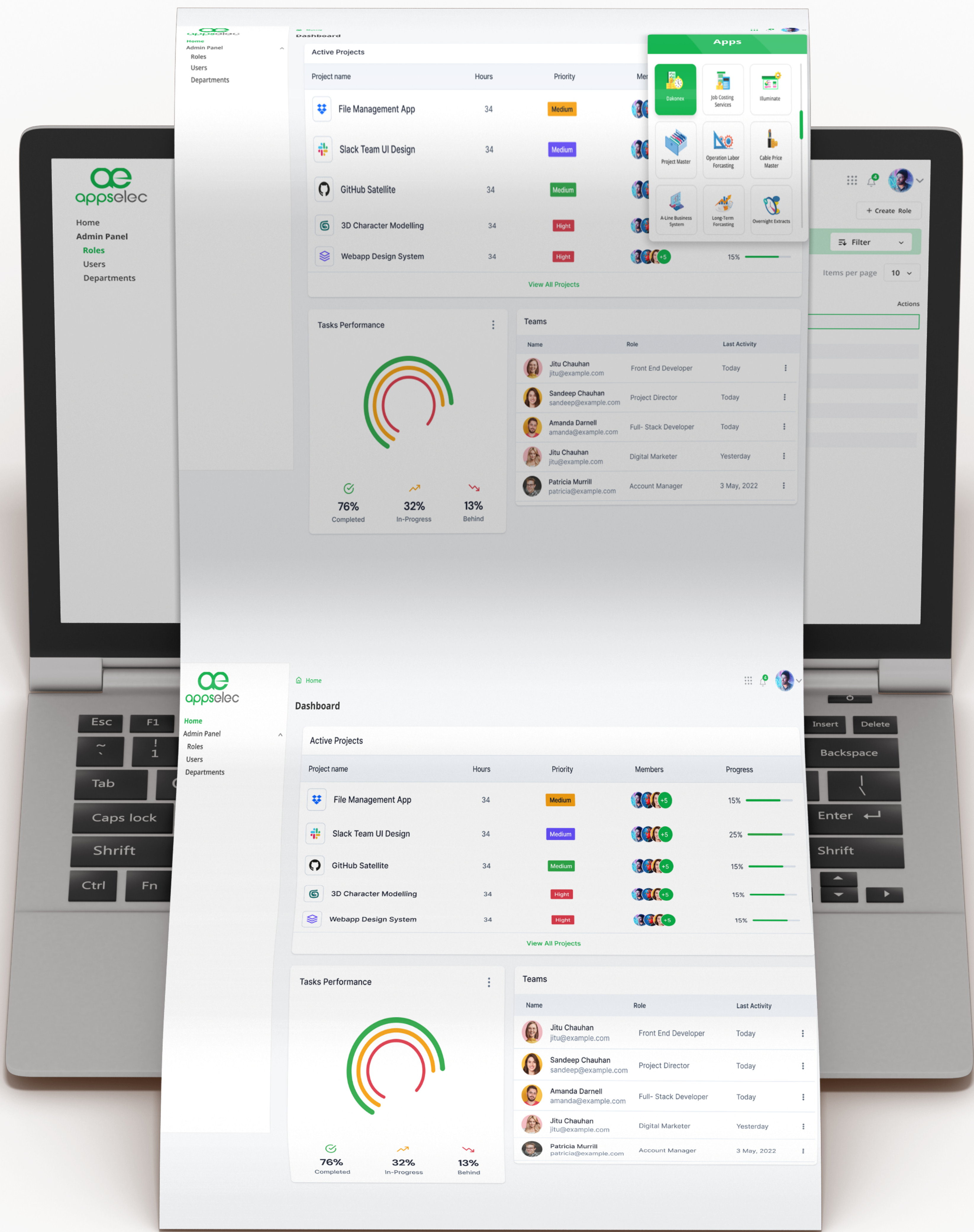Discover → Design → Develop → Test → Deliver

# Technologies

ASP.NET

AngularJS

aws

Figma

# User Flow

Splash Screen

Login

Sign in

Sign up

Home Screen

Sidebar Drawer

Services

Jobs

Activities

Schedule

Settings

Services

All Services

Search Bar

Filters

Services

All Services

Search Bar

Filters

Schedule

Date Schedule

Times

Screens

**Thank You**