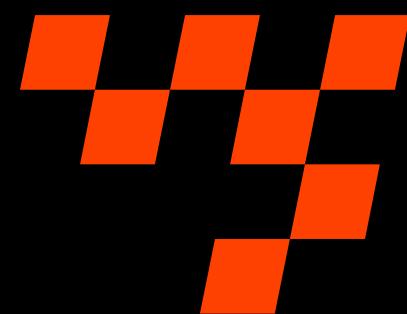


PROJETO DA DISCIPLINA DE PROGRAMAÇÃO
DE DISPOSITIVOS MÓVEIS COM
REACT NATIVE + EXPO (ANDROID)



OFFICE MASTER

Gestão Completa para Oficinas Automotivas





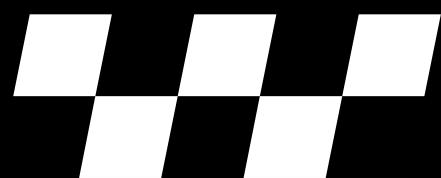
EQUIPE DO PROJETO

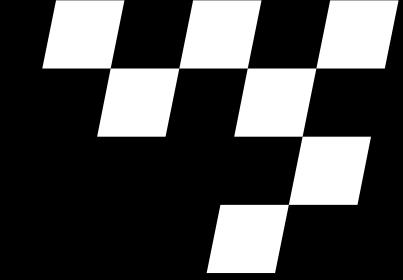
202402360231 - Guilherme Proton (Desenvolvimento de software e integração)

202403369893 - Luís Flávio Queirod (Documentação e banco de dados)

201951430662 - Wellington da Cruz Caldeira (Revisão e apresentação)

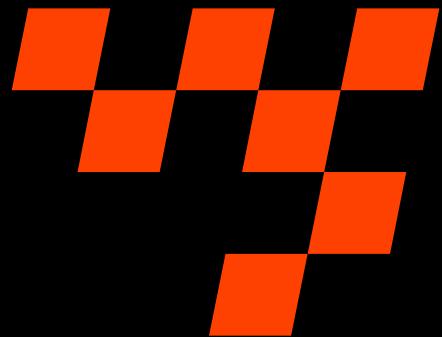
Orientador: Prof. Luiz Gustavo Turatti

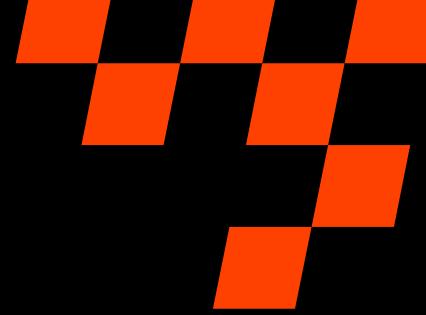




ÍNDICE

- O Problema: O Controle Manual
- O Objetivo: A Solução Digital
- Cronograma: Etapas do Projeto
- Tecnologias: A Nossa Stack
- Banco de Dados: Estrutura Firebase
- Demonstração: Telas do Aplicativo





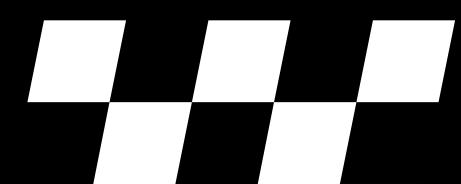
O PROBLEMA IDENTIFICADO

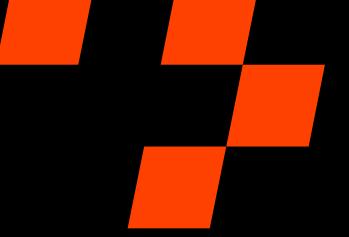
O MÉTODO ANTIGO

Oficinas mecânicas realizavam o controle de chamados, serviços e estoque em folhas de papel.

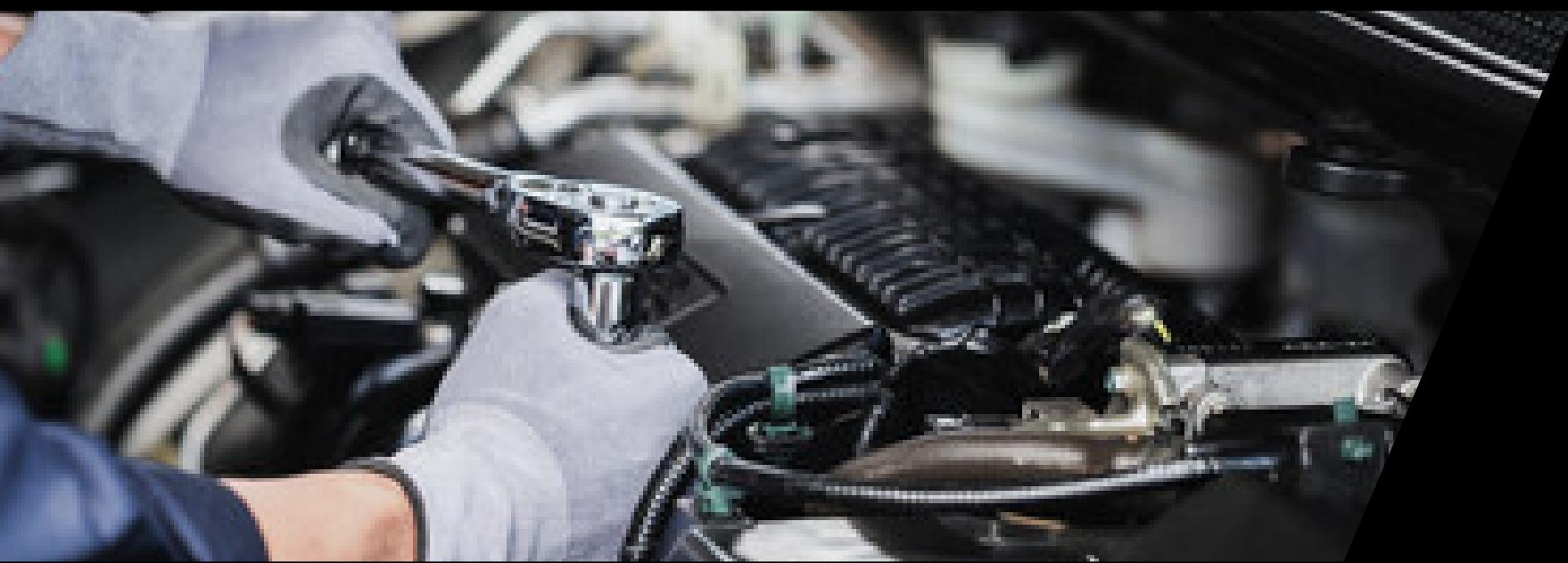
AS CONSEQUÊNCIAS

Isso gera desorganização, perda de informações, falta de histórico de clientes e dificuldade de acompanhamento financeiro.





NOSSO OBJETIVO: A SOLUÇÃO

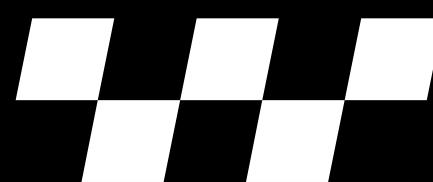


100%
DIGITAL

CENTRALIZAR A GESTÃO

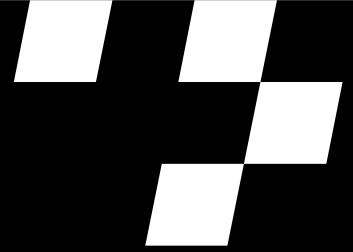
Desenvolver uma plataforma mobile (React Native + Expo) que centraliza todas as informações da oficina, substituindo o controle manual.

Nossa solução organiza clientes, ordens de serviço, agendamentos e estoque em uma plataforma digital acessível e eficiente.



CRONOGRAMA DO PROJETO (MVP)





ARQUITETURA E TECNOLOGIAS



Frontend: React Native + Expo

Aplicativo móvel multiplataforma (Android) com Expo SDK ~52.0.0 e React Native 0.76.x.



Backend: Firebase (BaaS)

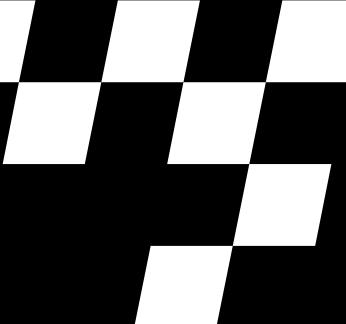
Utilização do Firebase como Backend-as-a-Service, gerenciando autenticação e banco de dados em tempo real (Firestore).



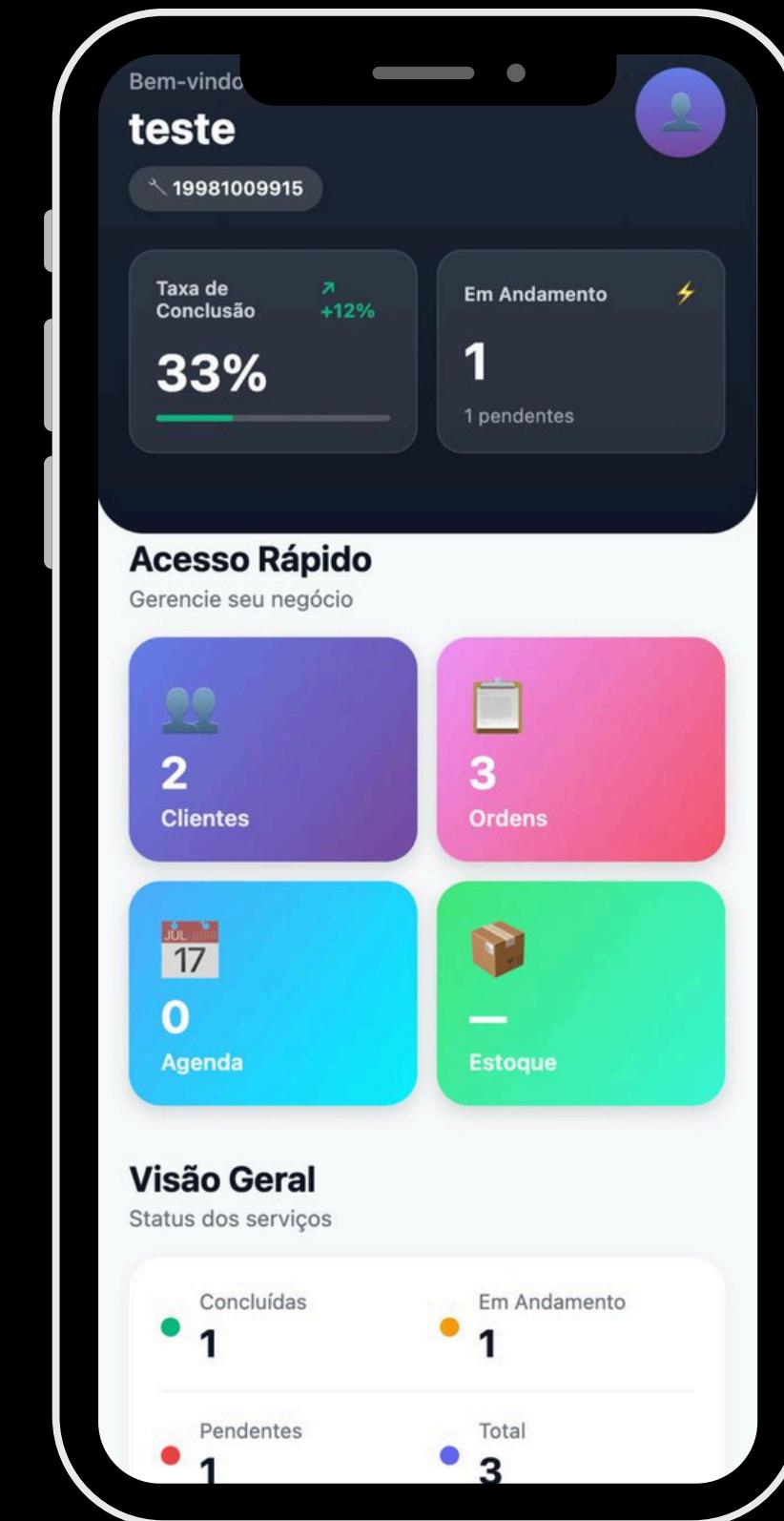
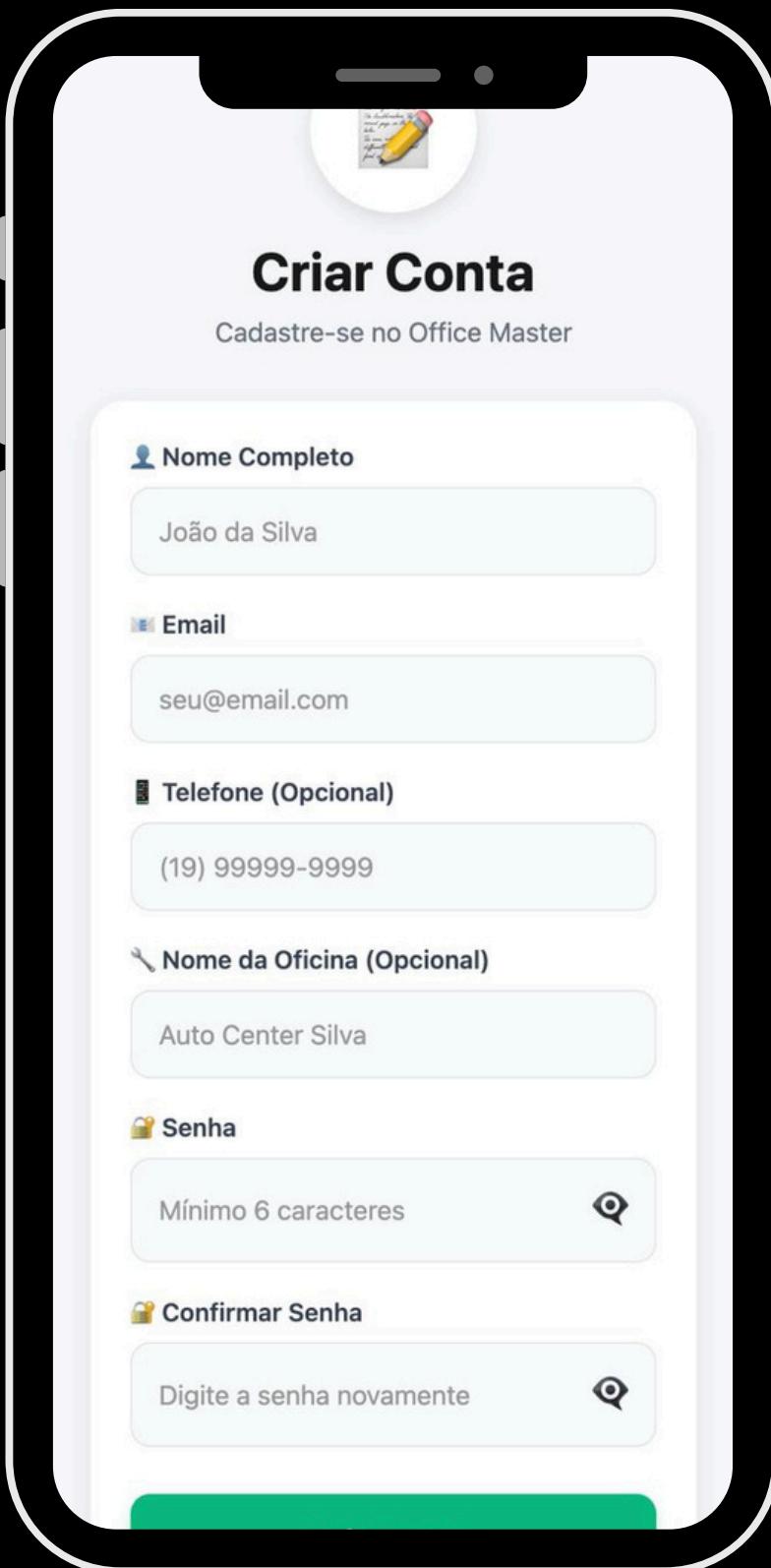
Ambiente: NodeJS

Ambiente de desenvolvimento baseado em NodeJS LTS 20.x+.





TELAS DO APLICATIVO: AUTENTICAÇÃO E HOME



CLIENTES

The image displays three mobile phone screens from the "Office Master Pro" application, arranged horizontally against a black background.

Home Screen (Left):

- Acesso Rápido:** Gerencie seu negócio
- Clientes:** 2
- Ordens:** 3
- Agenda:** 0 (Jul 17)
- Estoque:** 0

Visão Geral: Status dos serviços

Concluídas	Em Andamento
1	1

Pendentes	Total
1	3

Insights: Você tem 1 ordem pendente aguardando atendimento.

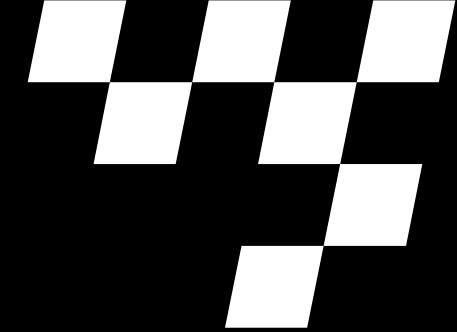
Office Master Pro v1.0.0 • © 2025

Client List Screen (Middle):

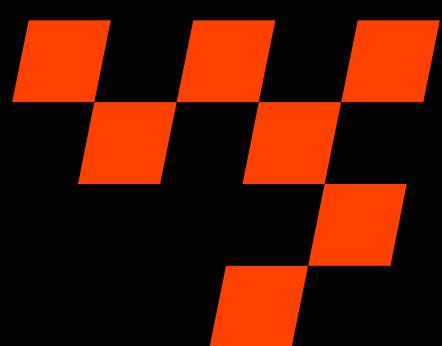
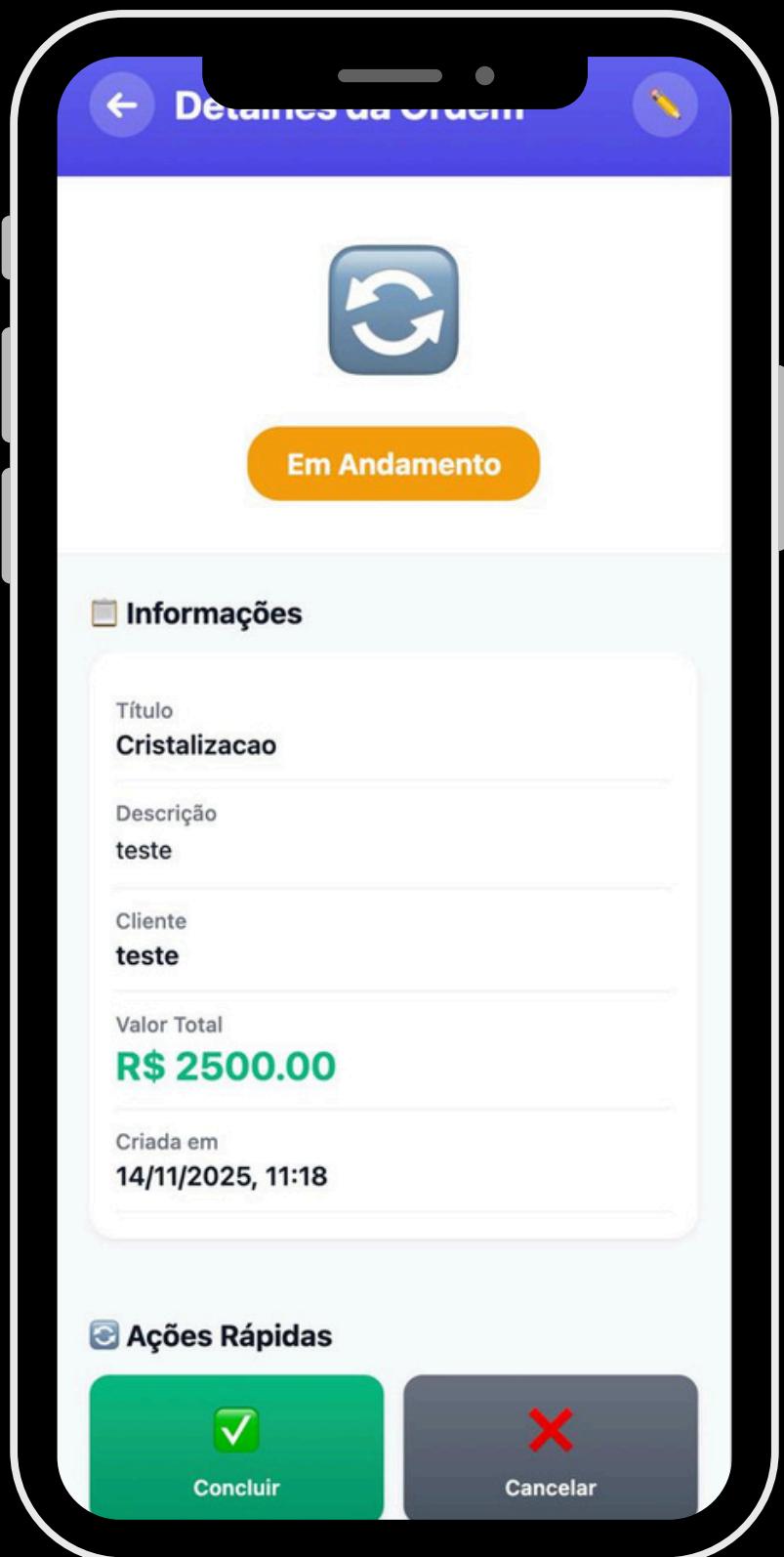
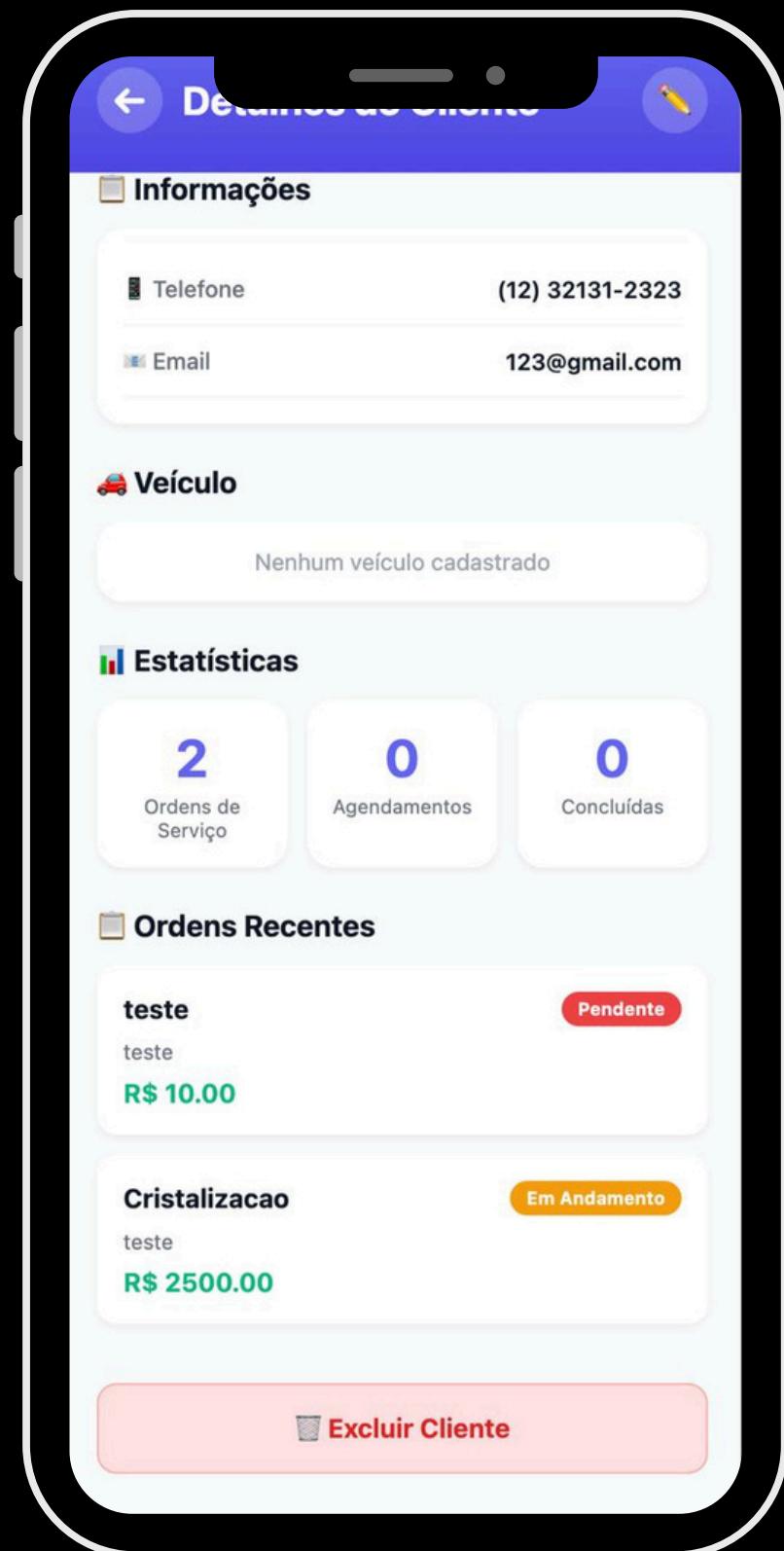
- 2 clientes
- Buscar clientes...
- teste** (T) (12) 32131-2323
- Wellington** (W) (19) 99365-9301

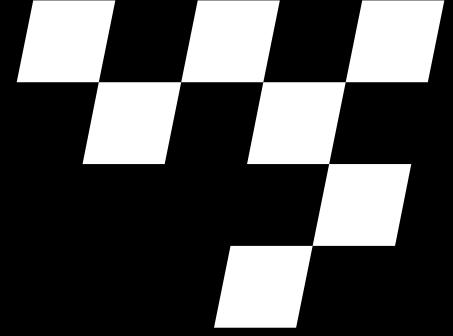
Client Details Screen (Right):

- teste** (T)
- Ligar** **WhatsApp** **Email**
- Informações:**
 - Telefone (12) 32131-2323
 - Email 123@gmail.com
- Veículo:** Nenhum veículo cadastrado
- Estatísticas:**
 - 2 Ordens de Serviço
 - 0 Agendamentos
 - 0 Concluídas
- Ordens Recentes:** (Empty)

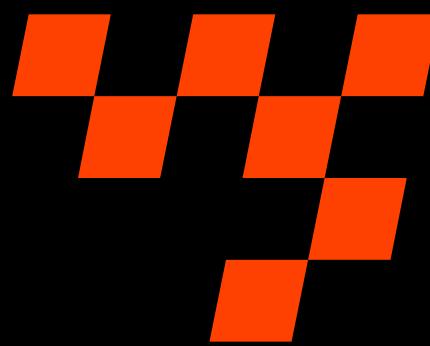
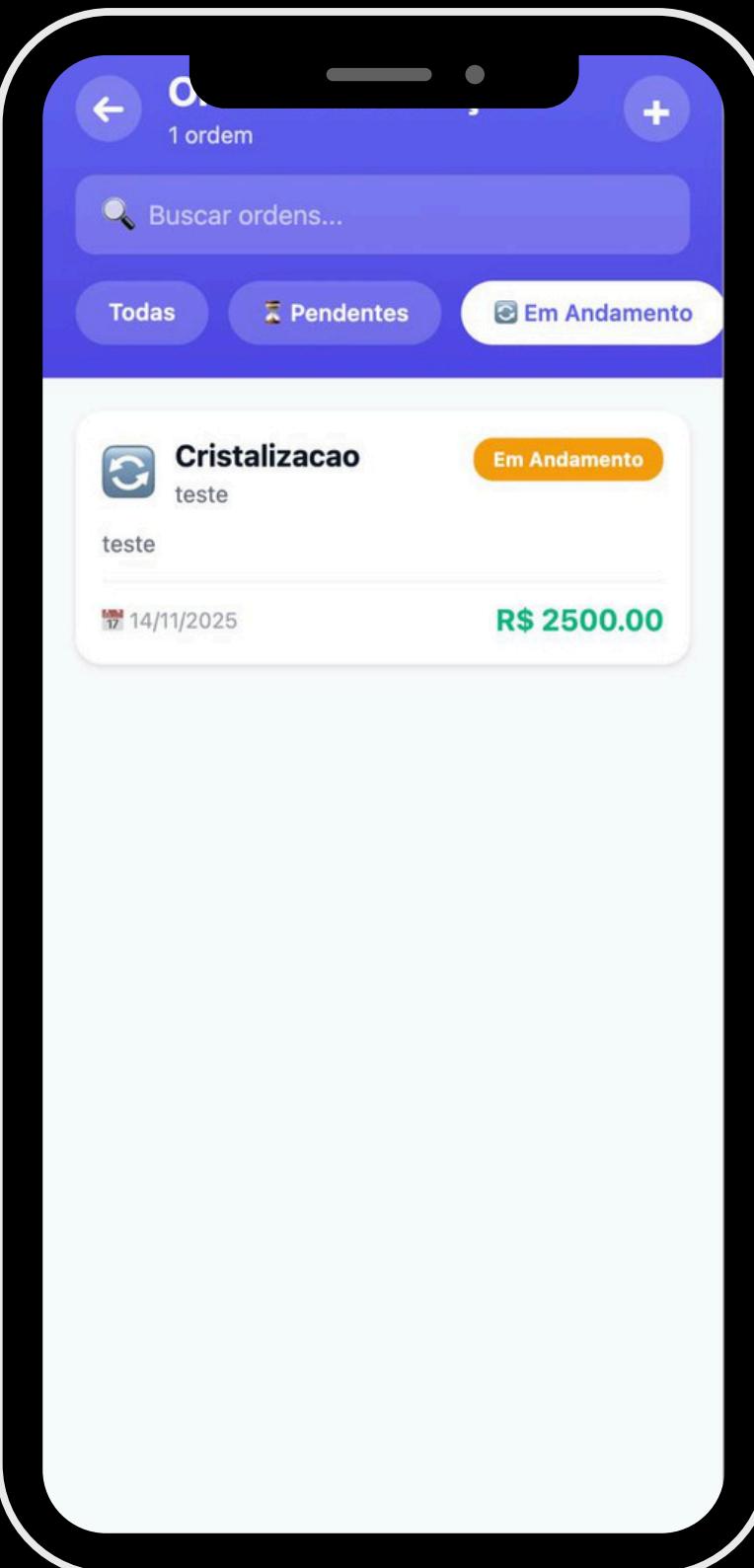
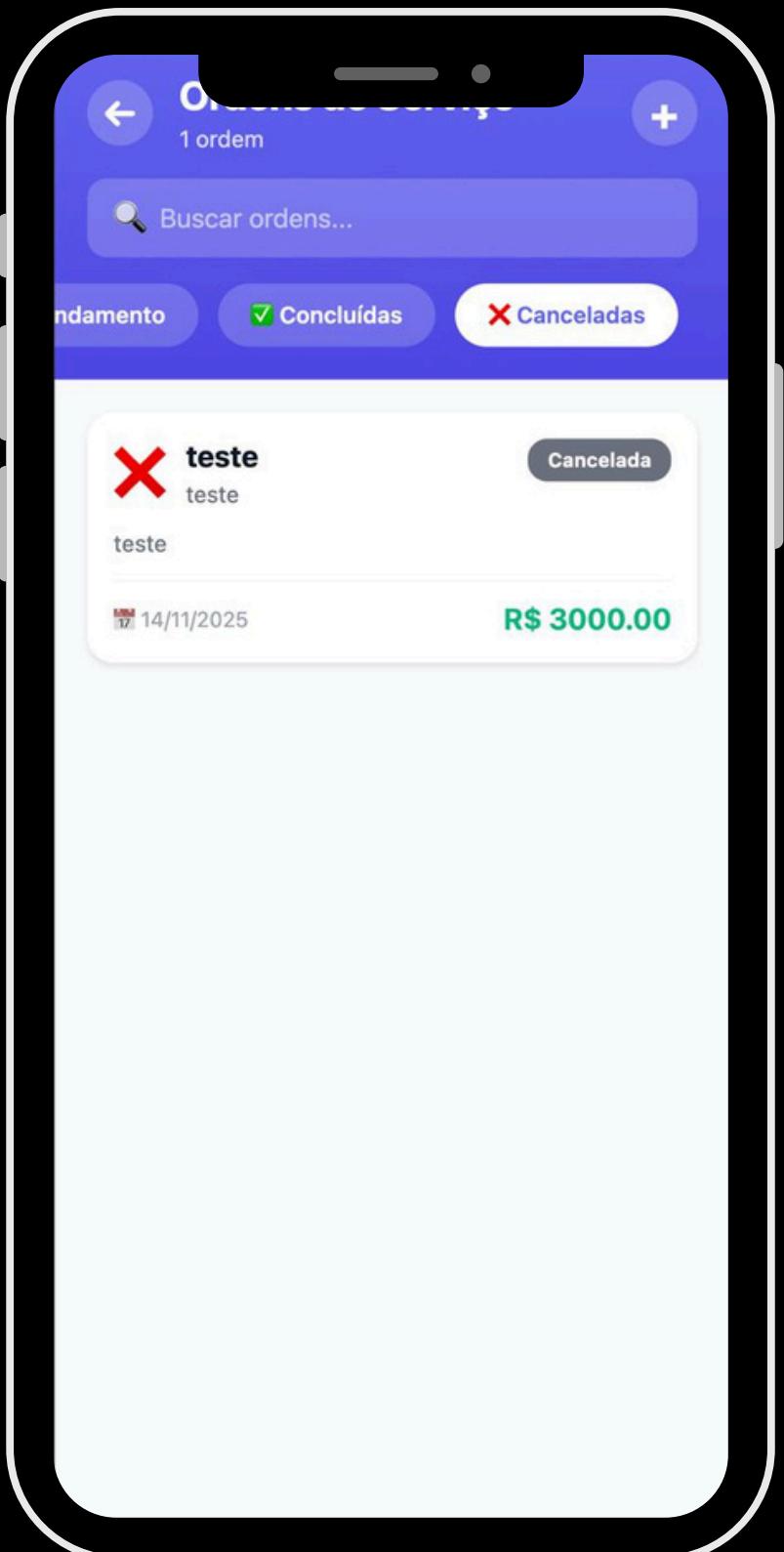


ORDEM DE SERVIÇO (OS)

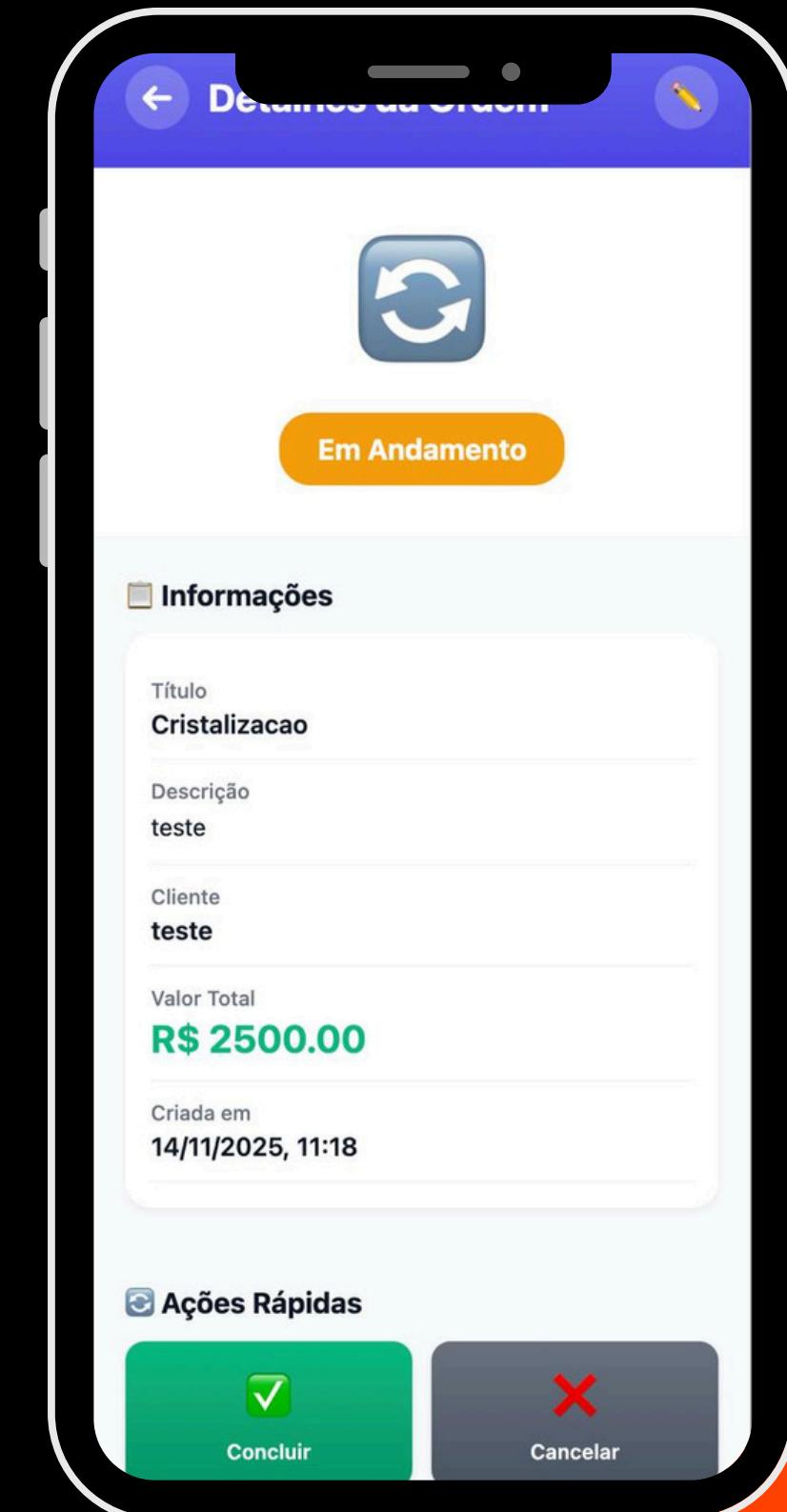
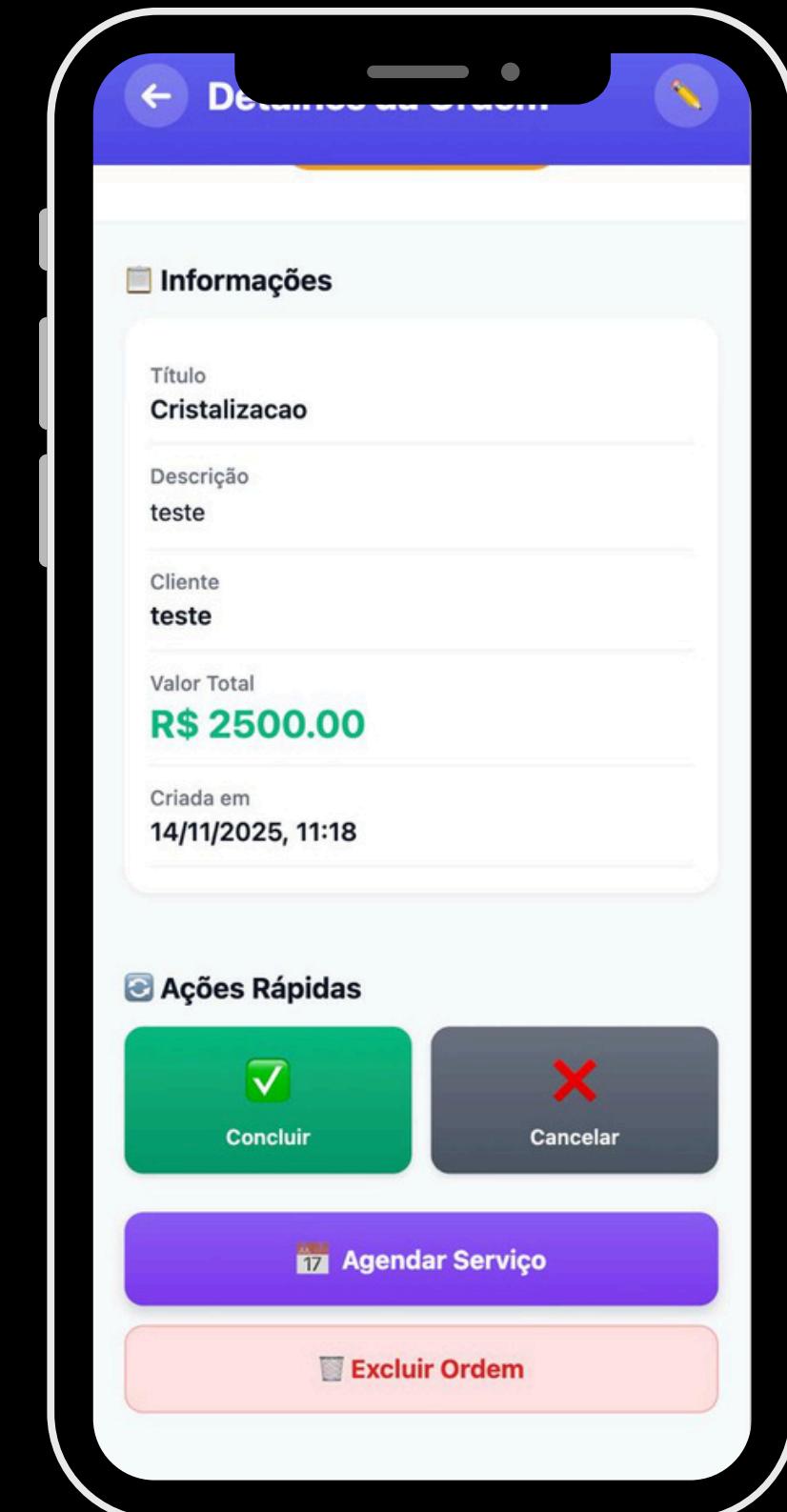
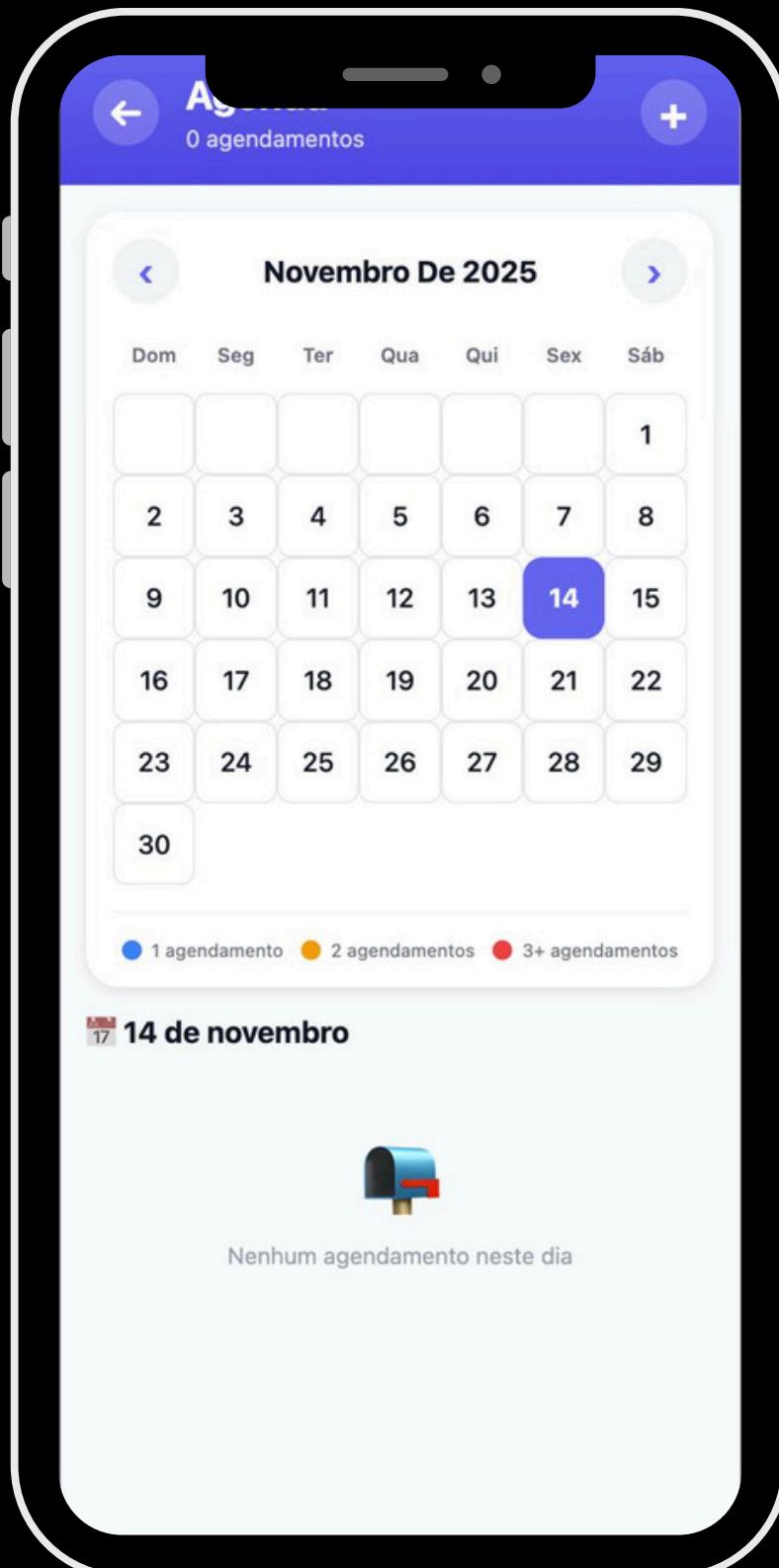
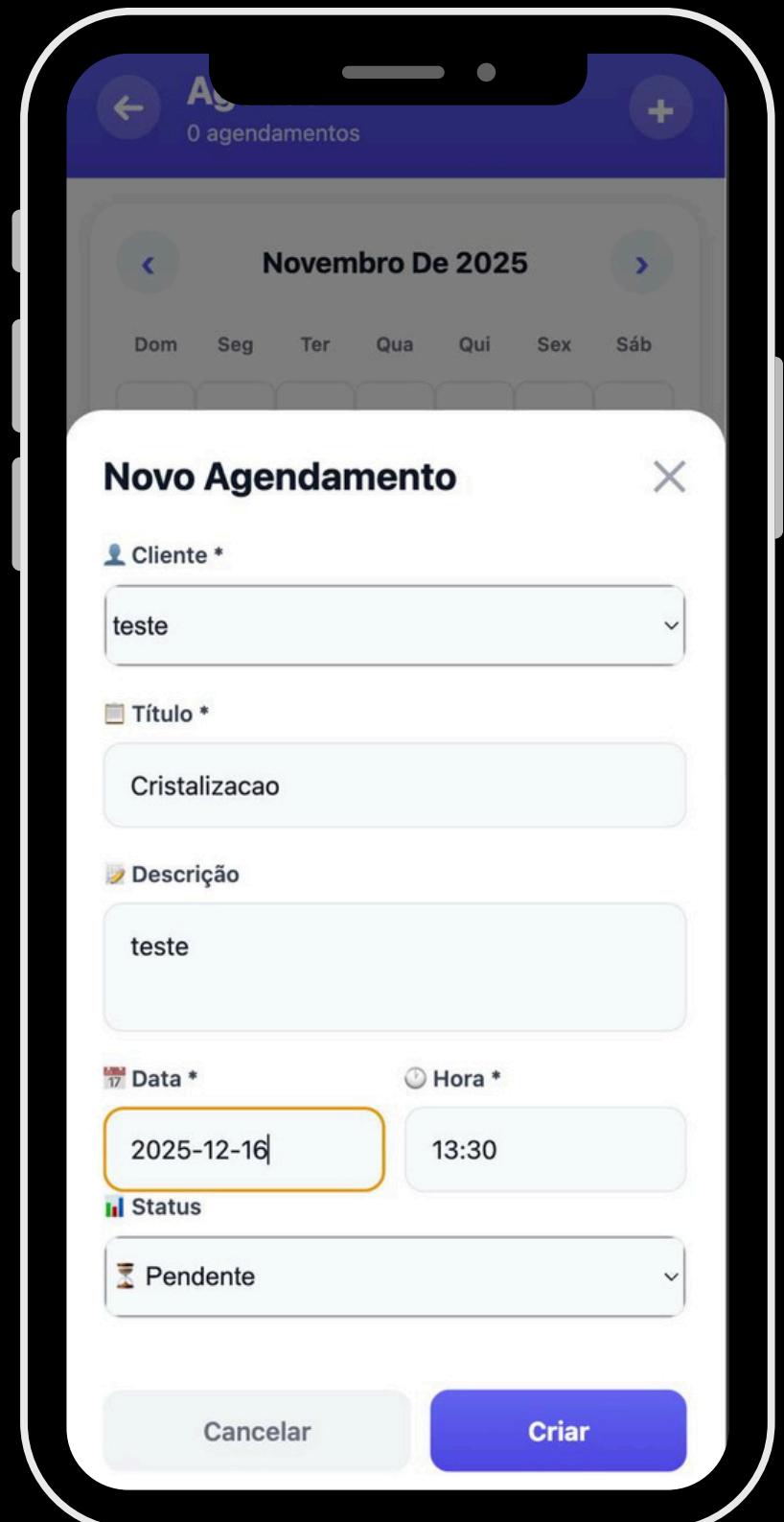


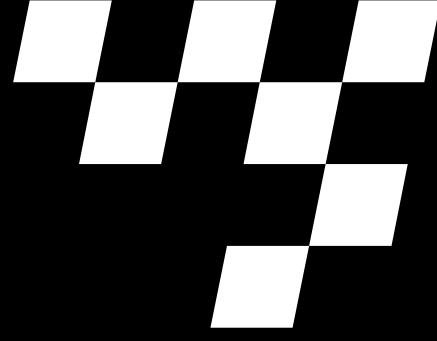


STATUS DAS OS

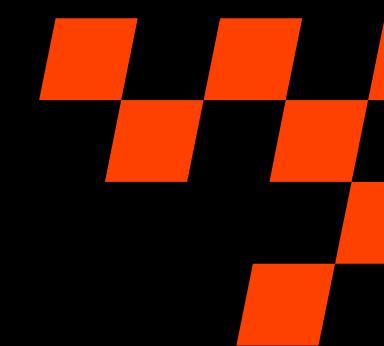
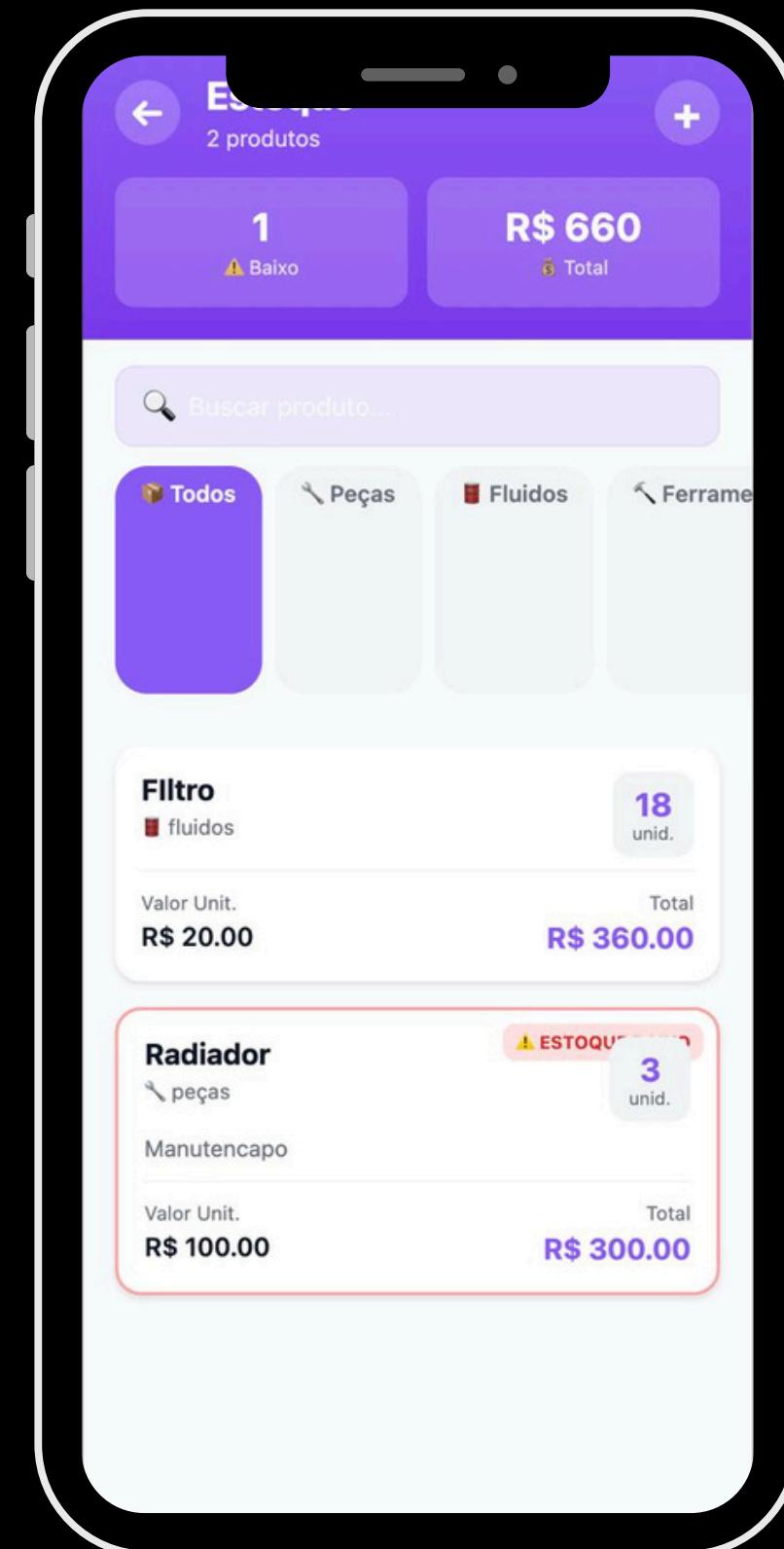
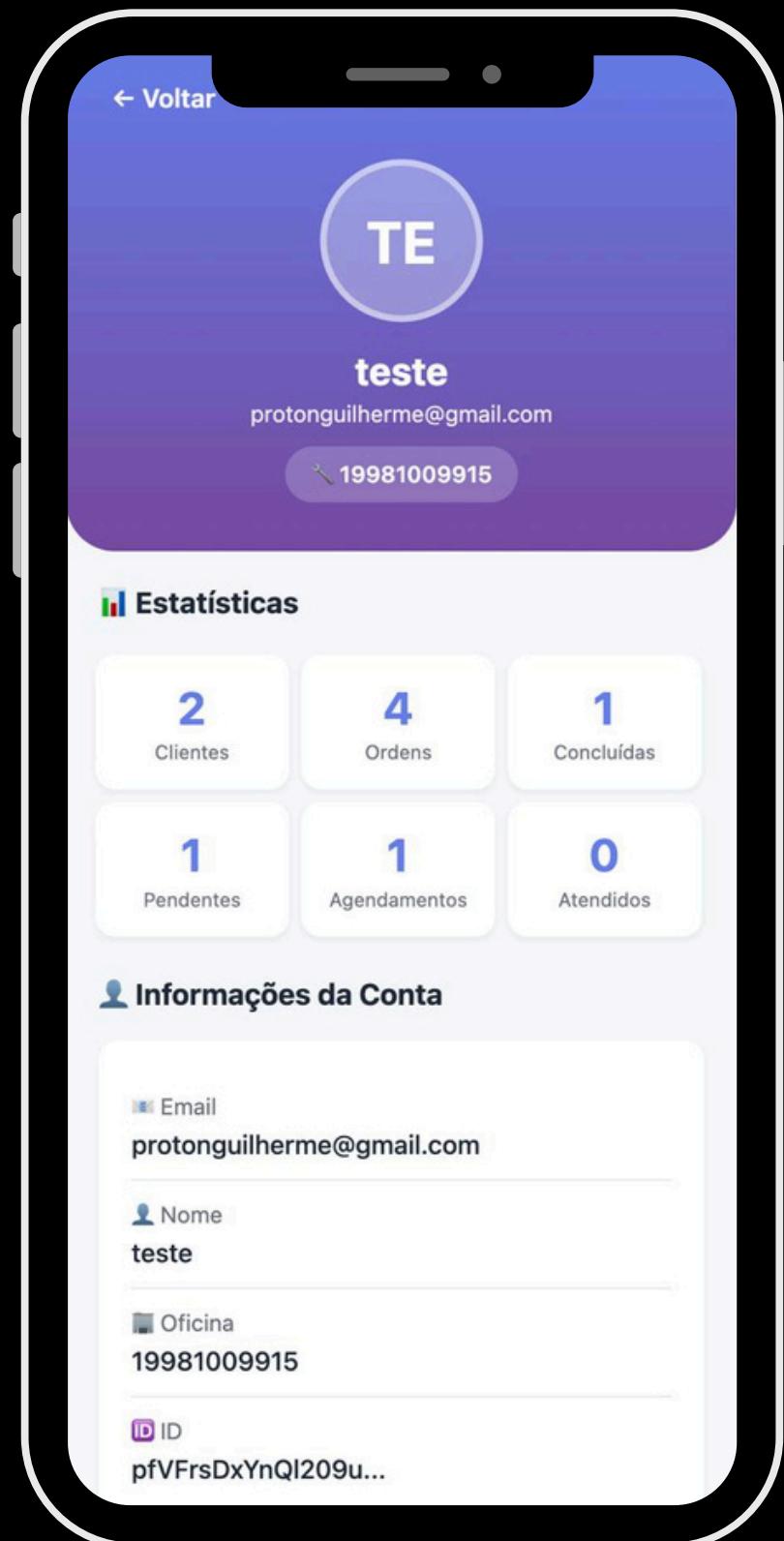


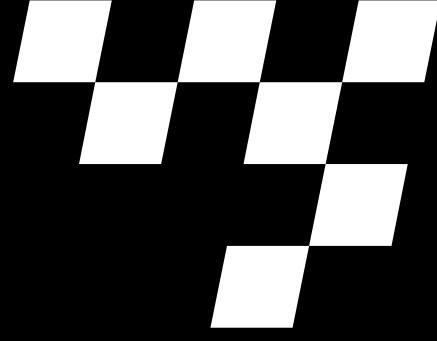
AGENDAMENTO





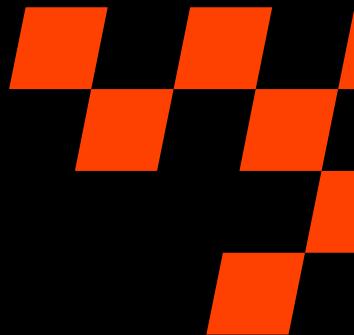
ESTOQUE





CONSIDERAÇÕES FINAIS

O PROJETO "OFFICE MASTER" TEM POTENCIAL PARA SER EXPANDIDO COM UM MÓDULO FINANCEIRO MAIS ROBUSTO (RELATÓRIOS DE FLUXO DE CAIXA, DRE SIMPLES), QUE PODERIA SER O FOCO DE UM FUTURO TRABALHO DE PESQUISA.





OBRIGADO!

