

# Online Government Housing System

## Team Members:

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- **Problem Statement:**

The current government housing application process in Egypt is **complex, heavily manual, and lacks a unified digital platform**, leading to **inefficient access** for citizens.

- **Impact:**

- **Time & Cost Burden:** Citizens waste significant time, effort, and money due to repeated visits and unclear steps.
- **High Error & Rejection Rates:** Opaque eligibility criteria lead to frequent mistakes and rejected applications.
- **Administrative Overload:** Manual processing causes delays, inconsistencies, and heavy workload on government staff

- **Motivation:**

- **National Digital Transformation:** Supports Egypt's Vision 2030 push for fully digitized public services.
- **Fair Access:** Rising need for transparency to ensure equitable housing opportunities for low- and middle-income citizens.
- **Growing Demand:** Manual systems can't scale with the increasing volume of new housing projects and applicants.

- **Proposed Solution Overview:**

A unified digital platform that simplifies and modernizes Egypt's government housing application process. The platform allows citizens to apply online, upload required documents, track their status in real time, and receive notifications — while providing government staff with a centralized dashboard to review, verify, and manage applications efficiently.

- **Key Features:**

- 1. Online Application & Document Upload :** A fully digital submission workflow replacing paperwork, queues, and physical visits.
- 2. Automated Eligibility Checking:** Built-in rules validate applicants' data instantly to reduce errors and prevent unnecessary rejections.
- 3. Real-Time Application Tracking:** Citizens can monitor their progress, receive updates, and view required actions directly from the website.
- 4. Centralized Admin Dashboard:** A dedicated backend interface for the Ministry of Housing to review, filter, approve, or flag applications efficiently.
- 5. Secure User Accounts:** Verified citizen profiles ensuring accurate information, preventing duplicate requests, and supporting safer application handling.

- **Primary User Persona:**

Ahmed Ibrahim, 35 years old, married, middle-income citizen actively seeking affordable government housing.

- **User Characteristics:**

**1-Key Attributes:** Middle-income citizen, limited experience with government procedures, uses smartphone and computer.

**2-Goals:** Submit housing applications easily, track application status, and avoid errors and rejections.

**3-Context of Use:** Access from home or mobile; no need to visit offices; follows clear instructions.

- **The Need:**

1-Submit housing applications easily

2- Track the status of their application

3-Reduce error and rejected applications caused by confusion over criteria

4- Ensure fair, transparent, and equitable access to government housing

- **value:**

1- Save time, effort, and money for citizens

2- Clear communication and notification

3- Improve trust in the government housing process

4-Scalable for future housing projects and simplifies government operations

# Competitive Analysis



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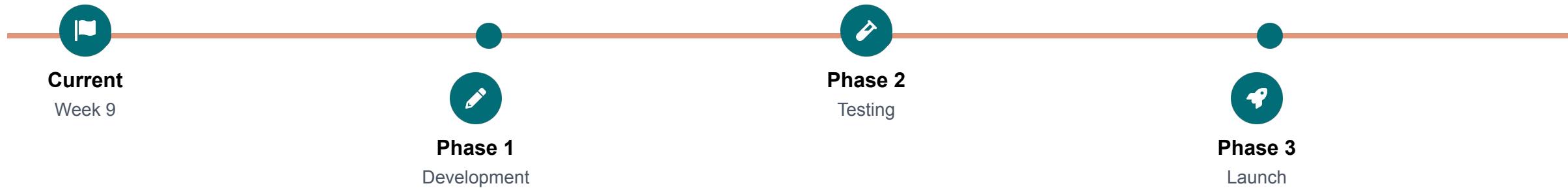
| Feature                | Findoor   | SHIMFF PORTAL                                 | Aqar/OLX  |
|------------------------|---|---|---|
| Core Technology        | Fully web-based platform + automated processing + real-time tracking          | Partial Digital Limited Automation            | Listing websites only , no application workflow |
| User Experience        | Easy application submission from home/mobile + status updates + notifications | Digital Submission, slow & Complex            | Browsing only , no tracking                     |
| Integration Capability | Centralized dashboard for government + verification system + automation       | Limited, Not integrated with internal systems | Independent, no government integration          |
| Cost Structure         | Free government service.  | Free, Indirect costs (Time/Travel)            | Free to browse ,pays ads for sellers            |

## ★ Key Differentiators

- Full Digital Workflow:** Citizens can submit, verify, and track applications completely online.
- Real-Time Tracking & Notifications:** Instant updates on application status, required actions, and approval.
- Centralized Admin Dashboard:** Government staff can manage, filter, and approve applications efficiently.
- Automated Eligibility Checks:** Reduce human errors and rejections with built-in validation rules.

## Project Timeline

This section outlines the high-level plan for the remainder of the project, detailing key phases and milestones to guide development.



## Key Milestones

### Week 10-12

Requirements gathering and initial design

### Week 13-16

Development of core features

### Week 17-18

Testing and refinement

# Project Roadmap

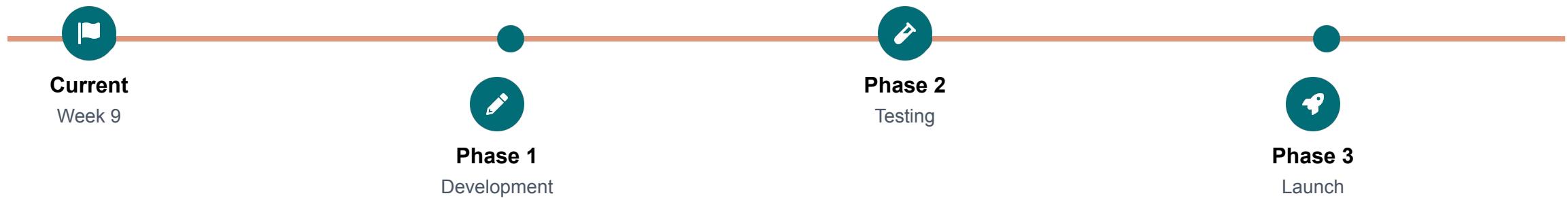


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## Key Milestones

### ✓ Week 10-12

Requirements gathering and initial design

### ✓ Week 13-16

Implementation and Testing progress report 1

### ✓ Week 17-19

MVP delivery

### ✓ Week 20 - 22

Implementation and Testing progress report 2

### ✓ Week 23 - 26

Final Report + User Guide

### ✓ week 27 - 29

Demo + Github Repo

# Thank You & Questions?

## Team Contact Information



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We welcome your feedback and insights

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