

بِسْمِ اللّٰهِ الرَّحْمٰنِ الرَّحِیْمِ



MINISTRY OF NATIONAL PLANNING HOUSING AND INFRASTRUCTURE
MALE', REPUBLIC OF MALDIVES

INFORMATION PAPER
HOUSING PROPERTY INFORMATION SYSTEM DEVELOPMENT
30th March 2023

1. Overview

Housing property information system (HPIS) is a system designed to collect and manage information's of housing property owners all over the Maldives.

2. Project Objective

To provide the most recent updated information on owner's housing property information to the government bodies and other private institutions that are in need of them.

3. Users

This portal would be used by 3 types of users;

- MNPHI Login (Super admin) - To view and edit housing property information available in the database, and create logins for councils if they require additional accounts
- MNPHI Login (Admin)- To view/ search housing property information available in the database
- Council/ Housing related government institutions Login - The council need to login and update (data entry) the latest housing units/ plots from their jurisdiction.

4. Basic Functions

1) User Creation

MNPHI login and council logins need to be created and, MNPHI should be given access to create more users as councils/ housing related government institutions may request for multiple users.

- Council users should be able to add housing units/ plots information of their jurisdiction.
- Council users can update owner / permitted personnel information of housing units/ plots information of their jurisdiction.
- Online users (MNPHI Admin) should be able to add housing units/ plots information received from councils.
- Online users (MNPHI Admin) should be able to view all the housing units/ plots available in the database.
- Online users (MNPHI Admin) should be able to search all the housing units/ plots available in the database.
- Online users (MNPHI Admin) should be able to generate statistics and detailed reports on housing units/ plots information available in the database.
- MNPHI super admins should be able to view/search and edit housing units/ plots information available in the database.
- MNPHI super admins should be able to generate statistics and detailed reports on housing units/ plots information available in the database.

2) Data Entry by council users must be viewable/editable to MNPHI (Super Admin)

The councils and other housing related government institutions will be entering data of Housing units/ plots in their jurisdiction (Name, sqft, owner's ID, permanent address, and island) and permit issued person's name.

3) Generating statistical/detailed reports of Housing/ plots data

MNPFI will be receiving lists of applicants and their spouses/mother/father for different housing schemes and plots from islands and other housing related institutions in order to cross check for any existing property ownership under their names. After cross checking MNPFI super admins should be able to generate detailed reports of the applicants and their spouses/mother/father with existing properties which should include: (1). Name of the property, (2).owners ID, (3).permanent address, (4).sqft and (5). number of owners

5. Project timeline

It is required to be completed **within 30 days** starting from the commencement of the project.

6. Main Scope

- The contractor is required to develop a portal & database to enable council and other housing related users to enter the housing units/ plots information in the database. The contractor is expected to provide training and guidance to portal and database administrators during the time-frame of this contract.
- The detail structure and design should be finalized following consultation with the Ministry of National Planning, Housing & Infrastructure.
- Proposed admin portal and database structure and design
- Initial functional database based on accepted website structure and design.
- Fully functional database with identified issues resolved and ready to host by the contractor.
- Manual of protocols, source code and user guides for the website including required training.

In addition, the deliverables mentioned in the TOR.

7. Initial Identified User Stories

These are the user stories that were identified in the initial stages and should be finalized following the consultation with the Ministry of National Planning, Housing and Infrastructure.

As a council user, I want to enter / update property information, so that MNPFI can verify the ownership of the properties.

Description

Council users will be entering information of plots and housing units in their jurisdiction.

Acceptance Criteria

- Council users can enter the details of the property/ housing unit.
- Council users can update the status (Occupied or Vacant) of the property.
- Council users should only be able to view and update information of their respective jurisdiction.
- Council users can enter the details of the owners of property/ housing unit.

As a Ministry user, I want to ensure all the councils enter the required data and update it accordingly.

Description

MNPFI users can view all the council users that are using the HPIS

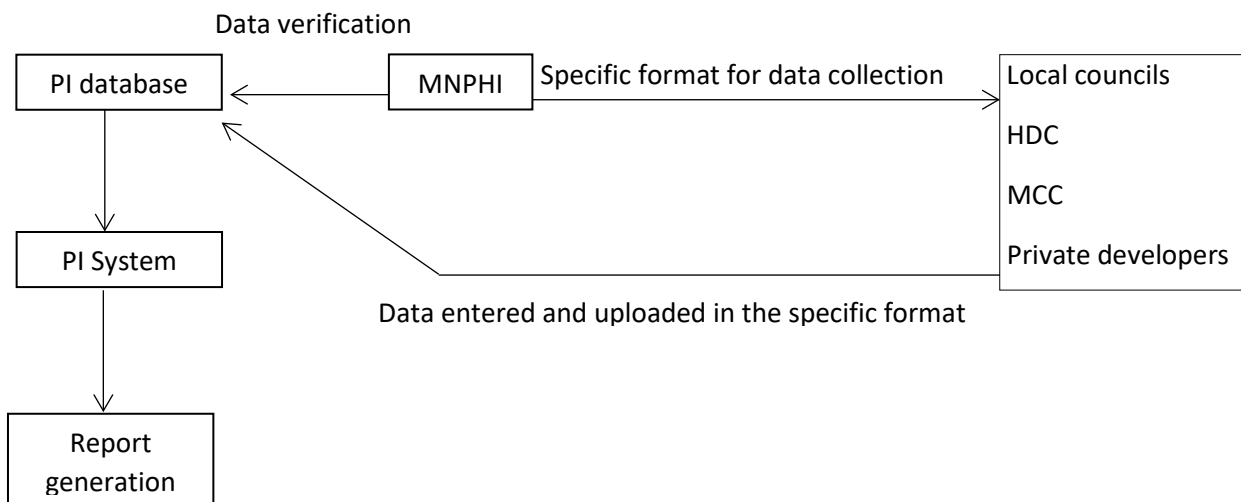
Acceptance Criteria

- View all property listing and filter by owners, IDs, and island
- View all changes to properties and filter them demographically.
- View changes in property ownership
- Should be able to generate reports
- Should be able to create users for council

8. Portal functions step by step.

Phase 1

Option 1



Option 2

