



MAPUA UNIVERSITY
SCHOOL OF ELECTRICAL, ELECTRONICS
AND
COMPUTER ENGINEERING

COE116L-B1/Group 6

PROJECT: REAL ESTATE MANAGEMENT SYSTEM PROGRAM

Members:

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I. Machine Problem Background and Introduction

Real Estate Management System

It is a program where you can find and buy houses or properties without going out of the house. We made this program user friendly. First the buyer must register if he/she doesn't have an account or he/she already have an account he will just have to login. After logging in the program will show various house and information that has been posted in the program, then the buyer will choose the property they prefer and then the buyer will be paying a certain amount, and there will be a loan system where the buyer can pay for the house monthly depending the loan system he/she picked.

The houses posted in the program has information, price, place, details, pictures, blueprints, to help the user pick the best for them. This can help a lot of people in many ways and could be the start of improvement to those companies who handles online selling. This program will ensure and guarantee the properties that they bought and the price will be as ease. In creating this Machine Problem, we looked for proper references through the internet and resource books.

II. Objectives

- Attract New Business
Emphasize your trustworthiness when marketing to new client, particularly with first-time homebuyers.
- Retain Clients
Retaining old clients especially investors is another marketing objective. Investors often make multiple purchases over the years.
- Solidify Reputation
The program must be user friendly and easy to use, so that the users will have a hard time buying a house.

III. Verbs

- View Account Details
- Maintenance
- Send Registration Form
- Send User's Registration Form Details
- Logged in
- Logging in
- User's Details Sent
- Access Verification
- Loan Details Sent
- Selected Loan Plan
- Loan Planner Displayed

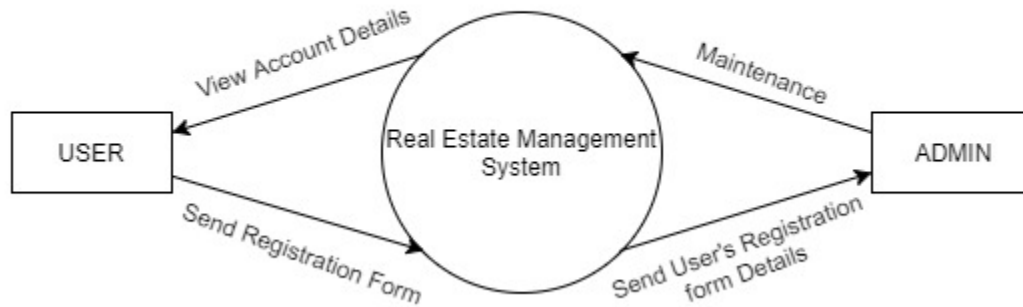
- User's Loan Plan sent
- House Details Sent
- Selected House Plan
- House Planner Displayed
- User's House Plan Sent
- Request
- Response
- Confirmation
- Cancel Request
- Property Confirmation
- Customer Details Sent
- Request offer
- Request Confirmation

IV. Nouns

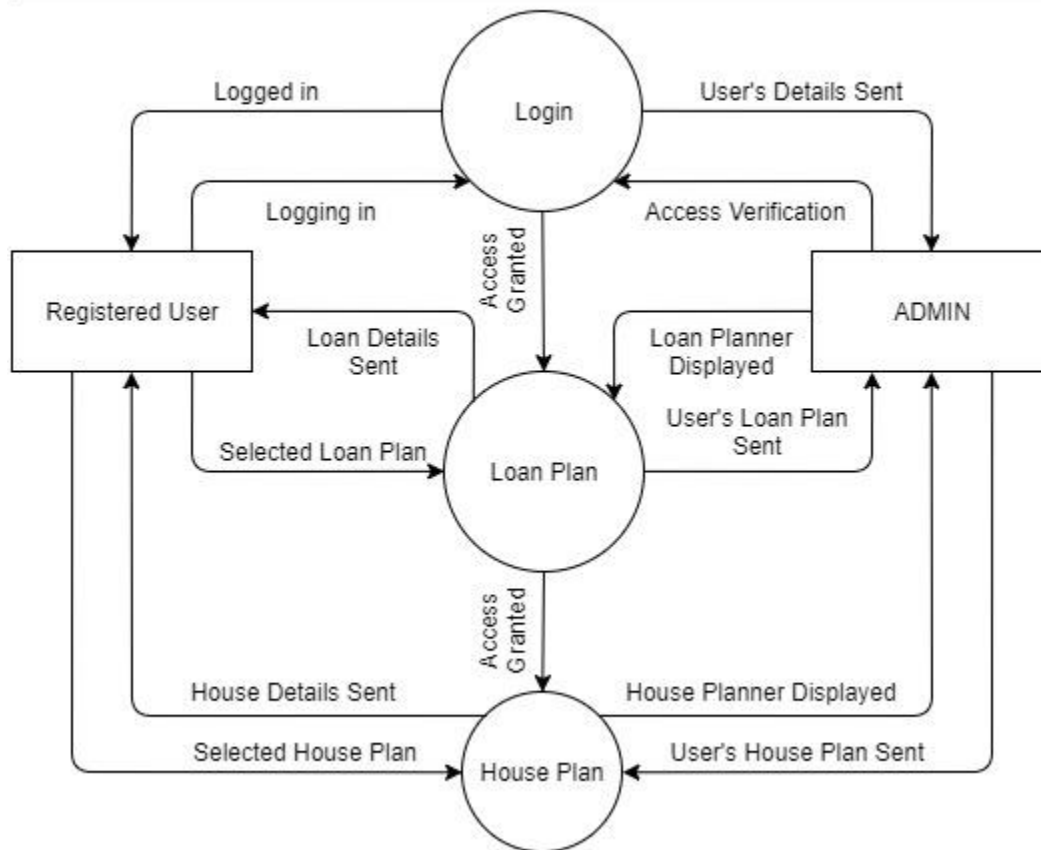
- User
- Admin
- Login
- Registered User
- Loan Plan
- House Plan
- Customer
- Property Plan
- Cancel
- Payment Mode
- Loan Plan
- House 1
- House 2
- House 3
- House 4
- House 5
- Full Payment
- Monthly Payment
- Yearly Payment

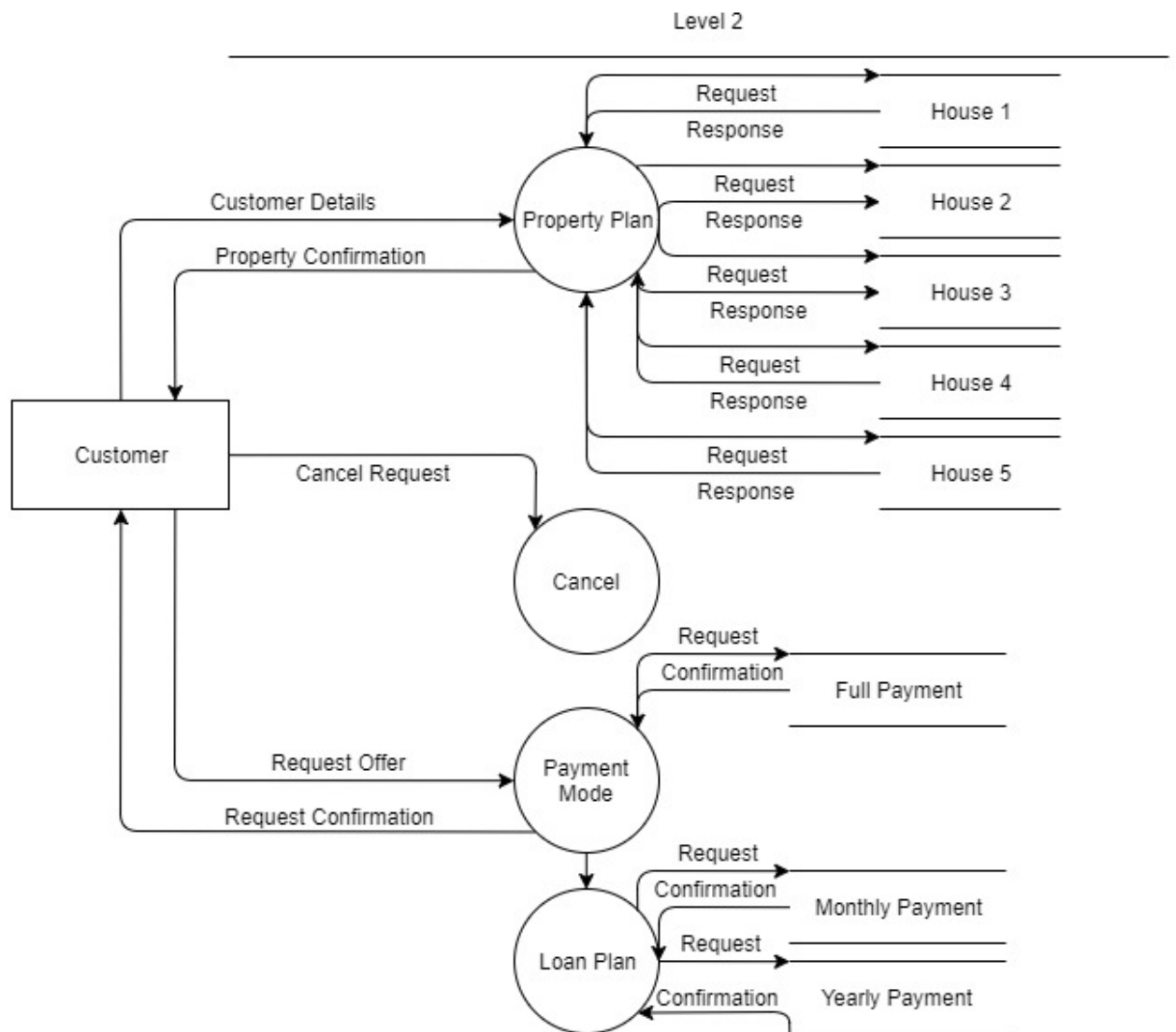
V. Data Flow Diagram

Level 0

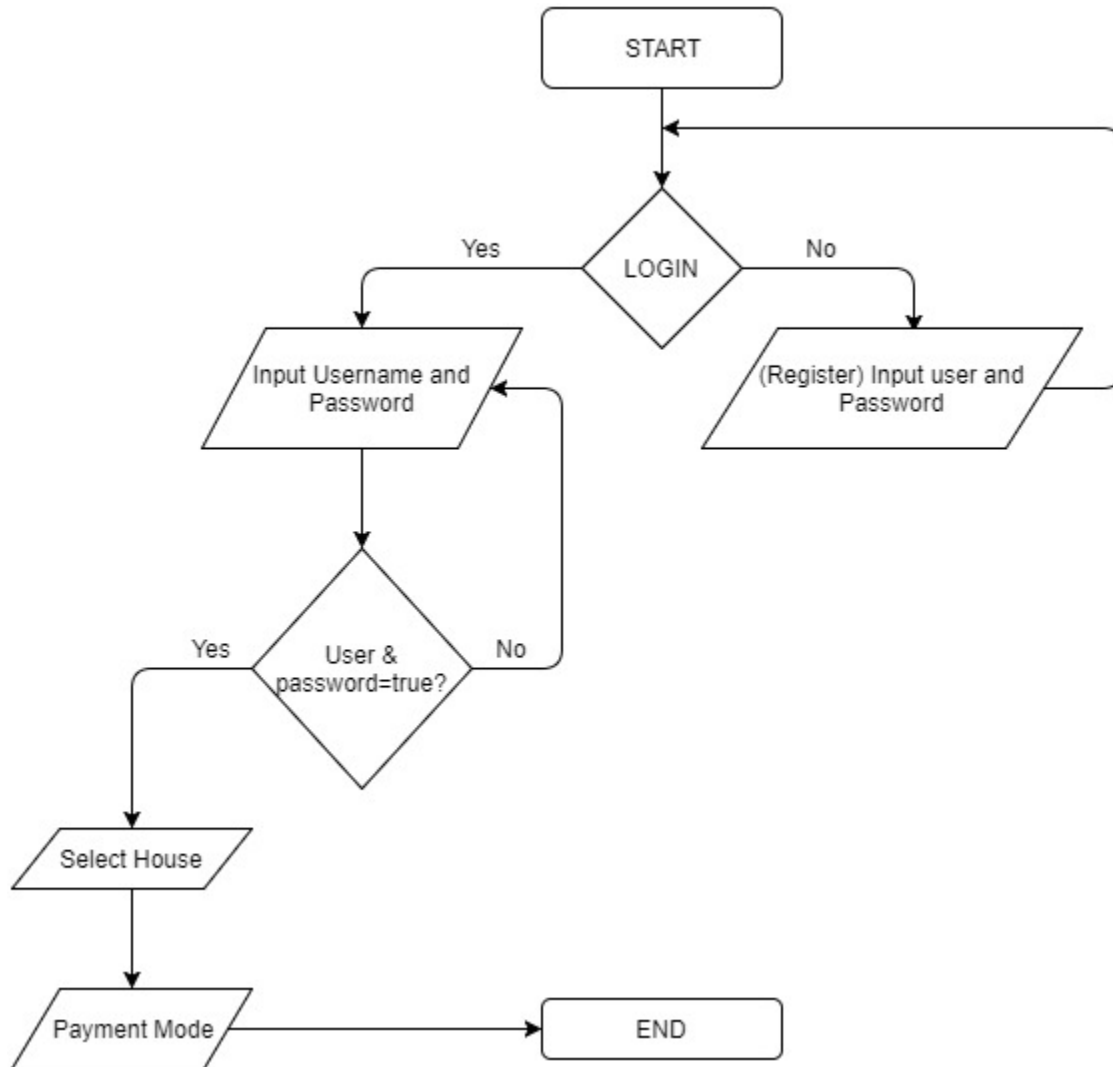


Level 1





VI. Flowchart



Screenshots



Finding your new home? Let's make it easy!

You can find and buy houses or properties without leaving your place. Simply, sit and relax, and find the properties that matches your style! Just Log in to your account and you can simply do what you want with our user-friendly environment. Enjoy!

Not registered yet? Click the Sign up button below.

Login

Sign up

In Partnership with



Register



Full name:

Phone number:

Email:

Username:

Password:

Sign Up

Cancel

In Partnership with



Register



Full name:

Phone number:

Email:

Username:

Password:

ACCOUNT REGISTERED!

Sign Up

Cancel

Login



Username:

Password:

Login

Cancel



USERNAME OR PASSWORD IS INCORRECT!

WELCOME! Kent Sardina

[Click here to Logout](#)

Welcome to our main section. This section shows you all the available properties that is currently for sale. You can click on "Details" to know more.

House and Lot

Condominium

Price: P10,325 / \$237,495



House and Lot

**3 bedrooms
110m² Floor Area
132 m² Land Size**

*Balcony
Maid's room
Swimming pool
etc.*

[Click here for more details](#)

[Details](#)

Price: P48,000,000 / \$1,104,000



House and Lot

**8 bedrooms
625 m² Floor area
835 m² Land Size**

*Pristina North Subdivision
Talamban, Cebu City*

[Click here for more details](#)

[Details](#)

Price: P4,922,070 / \$113,208



House and Lot

**3 bedrooms
65m² floor area
88m² Land Size**

*Carport
Swimming pool
Tennis court
etc.*

[Click here for more details](#)

[Details](#)

WELCOME! Kent Sardina

[Click here to Logout](#)

Welcome to our main section. This section shows you all the available properties that is currently for sale. You can click on "Details" to know more.

House and Lot

Condominium

Price: P37,053,980 / \$852,242



[Click here for more details](#)

[Details](#)

Condominium:

**3 Bedrooms
4 baths
153 m² floor area**

*Gym
Boxing Ring
Pilates, Aerobics, Yoga
etc.*

Price: P1,250,190 / \$28,754



[Click here for more details](#)

[Details](#)

Condominium:

**1 bedrooms
1 bathrooms
25 m² floor area**

*Alarm System
Smoke detector
Elevators
etc.*

House DetailsLocation

Price: 10,325,860 Peso/\$237,495

3 bedrooms
110m² Floor Area
132 m² Land Size

Situated in Santa Rosa City - one of the Philippines' fastest growing cities - surrounded by premium shopping centers and renowned educational institutions, lies the Valenza.

Details

Balcony
Maid's room
Swimming pool
Tennis court
Parks
Function area
Sports facilities
Parking lot
Basketball court
Landscaped Garden
24-hour security
Clubhouse
Playground
Open space

See Photos

BUY

CANCEL

CANCEL

Price: 10,326,860

Enter Downpayment:

5000000

Years to Pay:

5

CALCULATE

LOAN AMOUNT:

5326860.00

MONTHLY PAYMENT:

88781.00

INTEREST:

266343.00