# Real-Estate Document Builder

Introduction:

This project aims to implement certain functionalities by facilitating the Real Estate business functionary's in the process of document making, business maintenance, sales and so on thus contributing to the ease operation of the respective business domain.

Screenshots with Description:

Screen-1

As seen in screen-1, this welcomes the user to view the content. As a keynote, the welcome image on top and other three intro images below it operates dynamically and randomly i.e., whenever the viewer loads the page as many number of times, the welcome image and the three intro images changes dynamically and randomly thus providing the user a new guest appearance and presentation.
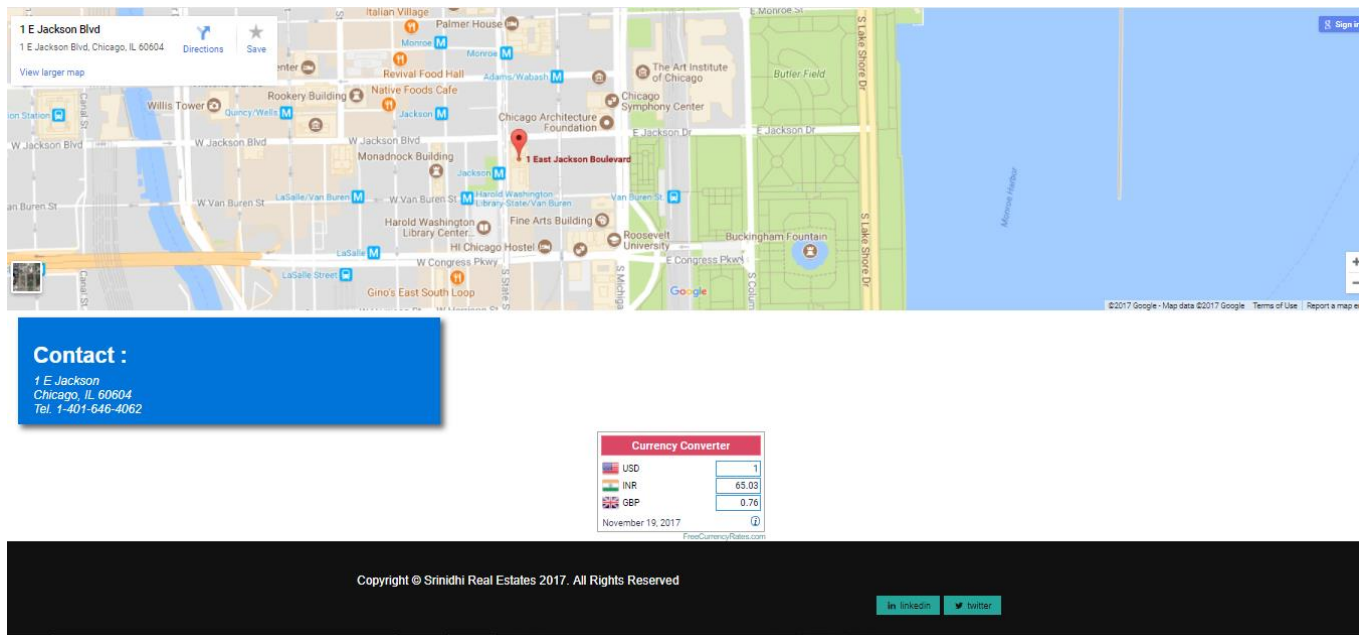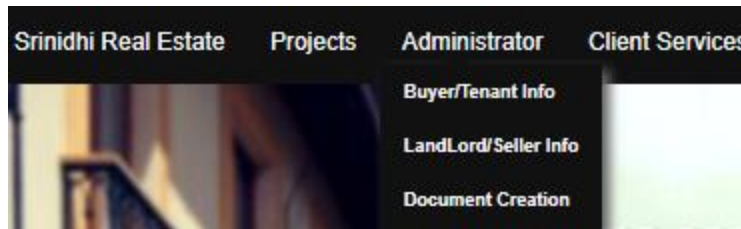
Screen-2

We can notice from screen-2 that this web page provides an intuitive geographic office location with the help of Google Maps plugin. When a user wants a commute direction from his/her location to our office, they can simply click on the directions button/option provided on the left-corner of the map thus provides the commute navigation on the go.

Along the screen we can observe that this webpage embeds the international forex exchange rates for few predetermined countries thus helping the customers to make their international purchase decisions. In the bottom-right of the screen we can notice that there are two social media connection links where the user/customer can view our company/businessmen's profile.
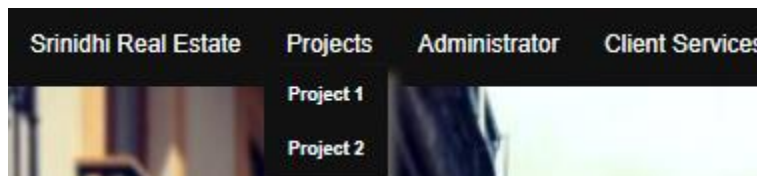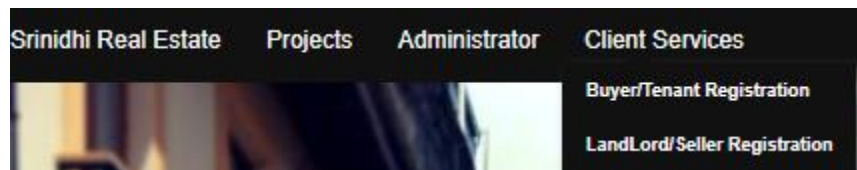

Screen-3

Screen-3 can clearly show a drop-down option for 'Projects' tab wherein it has sub-options of 'project 1' & 'project 2' where these two are the company's most prestigious projects that has been completed. Clicking on either of it opens a new webpage with more in-detail information regarding the projects.
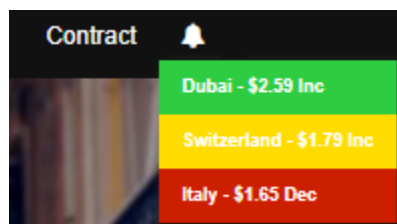
Screen-4

The Administrator has the submenu options as shown in screen-4. As to mention, these features are only available for the designated company's administrators thus providing the initial layer privacy. Buyer/Tenant Info provides the contact list of all the available clients that in past have hired the service as either as a purchaser or tenant. LandLord/Seller Info provides the contact list of all the available clients that in past have hired the service as either as a Landlord or vendor. Administrator can use the option of Document creation for generating the documents for their clients.
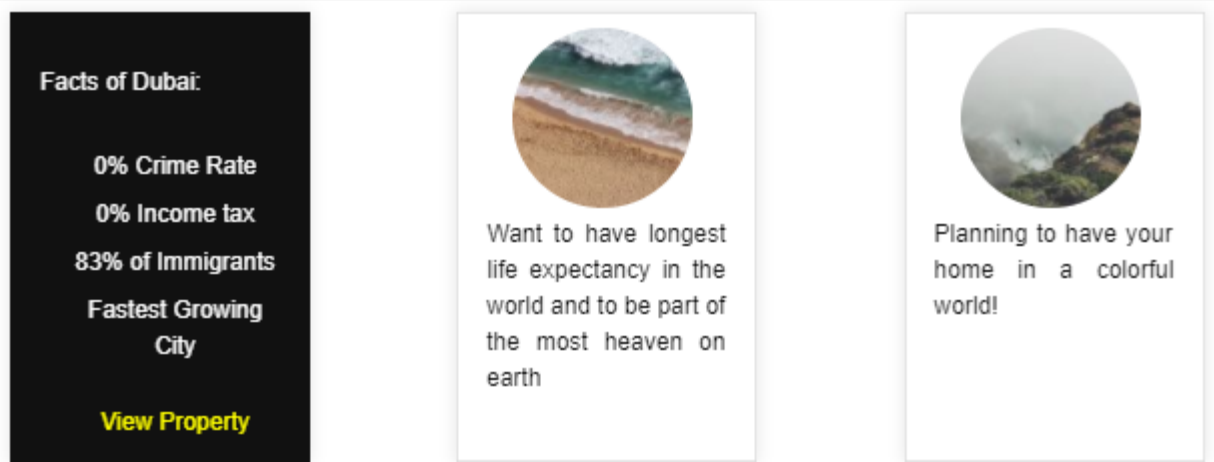

Screen-5

From the client services, user can register himself as either a purchaser, vendor, landlord or tenant thus enables the company to provide a clear interface service among their clients.
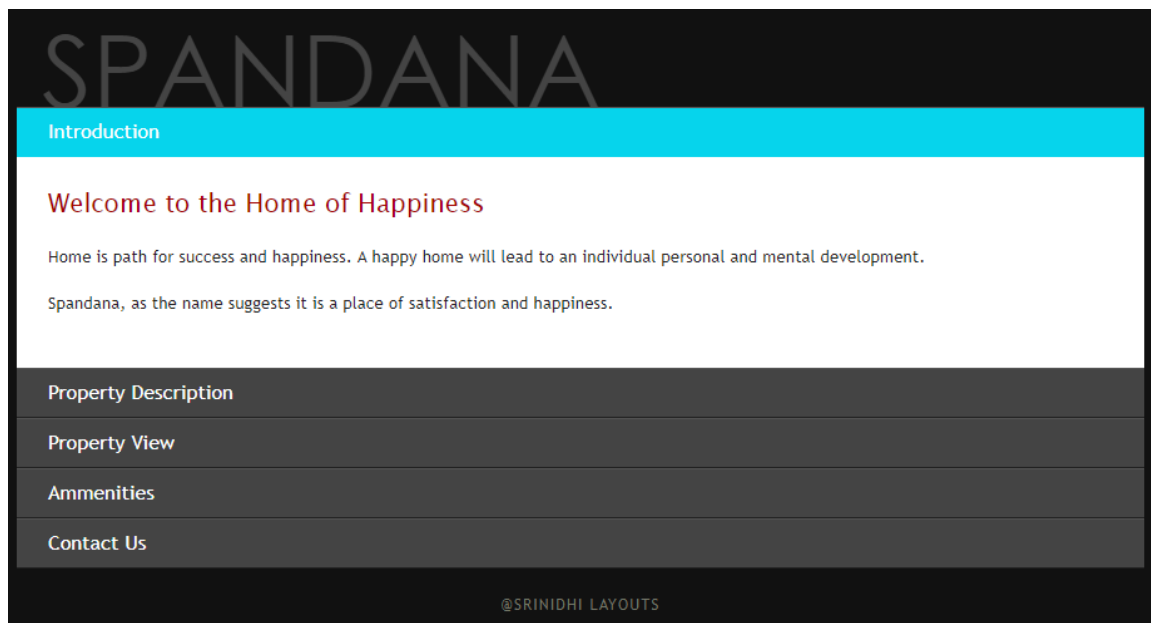

Screen-6

This feature provides the customer sneak-peak for on-day property stock rates in particular countries where the company has their projects landed-in thus helping the customers, purchasers and investors to have a clear insight of the in-country rates thus making him/her to confidently invest in the projects.

Screen-7

As seen in screen-7, there are animated flip cards for each of the projects that the company has owned thus providing a brief insight of the country/location where the property is located. Hovering the mouse over the flip cards, flips/animates the cards to display the necessary information.

Screen-8

Screen-8 displays the in-depth information such as its introduction, description, visual images, amenities about the company's projects available on market.

Screen-9

As we can see from screen-9, account holders such as regular clients and administrators can login to their respective accounts wherein the availability of features/options varies according to the user's designation. Here administrators have full privilege access to all the features/options wherein the clients are allowed only to register themselves into the system. Administrators has a special privilege to add, remove or edit user information, client registration, document creation, add, remove/edit projects and many more.

Screen-10

Screen-10 shows the client contact lists (top: purchaser/tenant & bottom: vendor/seller)

Buyer/Tenant Account Registration

Name:

Age:

Address:

Gender: ▼

Ssn:

Email:

Phone:

Date Of Aggreement:

Aggreement Start Date:

Aggreement End Date:

Number Of Persons Planning To Stay:

SUBMIT

LandLord Account Registration

Name:

Age:

Address:

Gender: ▼

Ssn:

Email:

Phone:

Property Image: Choose File   No file chosen

Membership Date: 2017-11-19 21:13:54

SUBMIT

Screen-11

Screen-11 shows the client's (tenant/landlord) registration/interview page wherein the clients would fill all the relevant information making the document creation ease thus saving lot of time and human resource in typing the document later-on. As a part of observation, landlord can upload his property visual image/photo for ease identification.

To note, there is a prefixed data entry format for:

- o SSN:- xxx-xx-xxxx
- o Phone:- 1-xxx-xxx-xxxx
- o Email:- xxx@domain.com
- o Age:- only numeric

These above constraints enable the application to process valid information.

Screen-12

Screen-13

The screen-12 enables the administrator to enter the initial identification information into the above shown fields to successfully generate document. As we can notice form screen-13, that an administrator can successfully generate mainly two types of documents i.e., a rental agreement and a registration agreement by selecting from a drop-down menu as shown in screen-13.

RENTAL AGGREEMENT

This rental aggreement (the "Aggreement") is made and entered into on 2017-11-19 21:18:17.627084 by the following tenant.

PROPERTY-LEASE REGISTRATION SALE DEED

This Sale Deed aggreement (the "Aggreement") is made and entered into on 2017-11-19 21:19:33.253204 by the following Purchaser.

Screen-14

Print Document!

Screen-15

Screen-14 shows a sample auto-generated documents (top: rental & bottom: registration)

Screen-15 shows the availability of Print button wherein after the document generation, administrator can printout the document seamlessly.

Application working cycle/procedure:

Application Web Address:

https://vishakh2494.pythonanywhere.com/FinalProject/default/index

Work Flow of the application:

[For Clients:]

1. Open the web address of the application in your valid browser.

2. If a user wants to use the service of the company then he/she must register himself/herself in their respective option under Client Services in homepage i.e., if a user wants to rent-in or purchase a property then the user must register under 'Buyer/Tenant Registration' or if the user wants to rent-out or sell his/her property then the user must register under 'LandLord/Seller Registration'.
   While a user filling the registration field, user has to abide rules for some specific fields (please refer screen-11) so that the application can validate the user input.

3. After the user selects the respective option under Client Service then the user needs to register himself/herself into the system by selecting SignUp option and if the user has already registered into the system then the user can directly enter his/her credentials to successfully login into the system.

4. After successful login, the user can fill the fields without any blank fields and user need to abide to the field data format (please refer screen-11) and then the user needs to click submit.

5. User can view company's current and future projects in the homepage in two ways i.e., firstly, user can directly select project option in the homepage top tab or secondly, user can hover mouse on the three flip cards shown in the homepage for more information.

6. If a user wants a commute direction, then the user can select 'directions' option from the Google map provided in the homepage.

7. User can stay connected by subscribing to company's social platform page by clicking social media buttons at the bottom-right of the homepage.

8. Clients can view the company contract agreement under 'Contract' tab in homepage.

[For Administrators:]

1. Administrators of the company will special privilege for confidential documentation and client's property information.
2. Administrators can use all the facilities such as Buyer-Tenant Info, Landlord-Seller Info and Document Creation mentioned under 'Administrator' tab in homepage.
3. Admins can select any option as mentioned earlier and then the admins need to enter the confidential login credentials to successful get into the system for further operations.
4. When an admin selects either the Buyer-Tenant Info or Landlord-Seller Info, admins has the special privilege to view, add, edit or delete client details/information.
5. As the main feature of this application, admins can click in the 'Document Creation' options to auto-generate the document.
6. After selecting 'Document Creation' option, admins need to fill-up identity check form such as vendor-purchaser name, property address and property price/rent and select the type of document from the drop-down menu that the client requires later then click submit.
7. After clicking submit button, the document opens in a new webpage and the admin can printout the document on one click using 'Print Document' option provided at the bottom of the page.