PROJECT REQUIREMENT

SPECIFICATIONS

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**Spice**

# Purpose

The Spice is a project to make digital payments of primarily intended society maintenance and which can expanded to book-keeping of society funds. It will be hosted publicly on the internet as a website accessible for any individual

# Scope

The Spice system can be used for any society at any location. This considers the fact that

* the maintenance charging system for societies differ
* the flat system organization of every society is unique

The system can be used to make digital payments towards any society for any flat. The Chairperson of the society can view payments of the residents of the flats, set the charges as required. In future, there shall be provision of book-keeping of society funds too. The UI shall be a webpage which provides options

* Chairperson login
* Bill payment
* Form a Society

# Work Flow

## Form a society

The systems requires that a society is registered on Spice. Any individual can register a society on Spice. The Spice will have provision to “Form a Society”

This will be done as follow:

1. Any individual wanting to register the society selects the “Form Society” option.
2. He creates a society for a particular location and adds entries of the flats in it as per the society structure. If the location is not already listed on Spice it will get registered else the location provided will get registered on Spice which will there after be listed on Spice
3. Every flat is also associated to its owner and owner details (mobile number, email id, adhaar number) shall be added along with it
4. The fee charging pattern and amount shall be also set
5. The Chairman should also be allotted for the society (A person who will have entire glimpse of payments happening). A unique pass code shall be generated and assigned to the chairman of that society. This passcode shall be used to login as a chairman of a society

## Chairman controls

To login as a Chairperson, the location and society must be selected from a drop-down and passcode should be entered as mentioned in 3.a.V

The Chairperson gets the below views on successful login-

1. The chairman can get a list of flat numbers and their owners
2. On clicking on any flat number, he shall be redirected to a detailed view of the flat.
3. The detailed view will have following info:
4. Owner name
5. Registered mobile number
6. Registered email id
7. Is flat rented
8. Maintenance charges amount due with detailed breakup
9. Transaction history
10. The Chairman will also have an option to set the pattern of charging the maintenance fee and the facility to change the amount
11. He can also view the history of charges applied
12. In Future, there will be a provision to book keeping of funds account

## User view

1. The user can select a location, a society and a flat (drop downs will be provided for all these).
2. The user will then be redirected to the next screen where the below info will be presented
3. Details –
4. Society name
5. Flat no
6. Owner name
7. Registered mobile number
8. Email id
9. Provision to enter an optional mobile number
10. Outstanding charges to be paid
11. Details of the charges
12. Option to “Proceed to pay”
13. The user can provide optional mobile number. This will help him to get the payment status via SMS on this number
14. When user proceeds to pay, he will be redirected to a payment gateway
15. On successful payment, a receipt will be generated and sent to the registered email id
16. The payment info will also be communicated via SMS to registered mobile number and optional number as mentioned in 3.c.IV

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