



# Case Study

## HOME CONNECT

### Client Profile:

HomeConnect Apartment service is a web-based apartment management software service offering accounting, management and communication tools for co-operative housing societies, apartment owners associations and property management. The HomeConnect portal intends to provide a one-stop-shop for all the residents of any apartment. HomeConnect is a convenience portal for your personal, professional, entertainment, healthcare and home care needs.

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### Tecnology Used:

PHP, MySQL and Zend Framework

### Business Situation:

- ❑ Multitudes of apartment-owners living within same residential complexes, have tremendous interest in equipping themselves with a better standard of living. This is difficult to achieve as they lack any proper way to manage and communicate their needs with each other.
- ❑ There was need for the residents to share resources and also allocate vendors and achieve the best possible deals available.
- ❑ Manual handling of complaints, financial accounts of the complex and scouting for vendors is time consuming and effort intensive.
- ❑ The basic types of needs of the residents within an apartment complex would relatively fall under the same broad categories, i.e., apartment services, grocery /vegetable, healthcare, pet care, gifting, florists etc.

### Solution Approach:

Keeping in mind the various requirements that a person living in an apartment can come up with, a portal was designed, with multiple features including:

- ❑ Home page that include service menu and sub-categories, user login and registration options, user information and other details.
- ❑ Service menu and sub categories which would allow the user to select appropriate service provider in each service category. Appropriate parameters was passed to the service provider's website so that user does not have to authenticate again and the service provider knows that the authenticated user is coming from HomeConnect portal.
- ❑ Role management included as a crucial feature wherein the administrator will authenticate the number of users logged in to the different HomeConnect pages.

- ❑ Purchase/cancellation orders to be maintained for vendors having/ not having web-presence.
- ❑ Points management is done using the revenue generated by the vendor through HomeConnect as well as per cent B2B commission HomeConnect gains from the service provider.
- ❑ Vendor management is included to list out several details per transaction, pertaining to information about the vendor, services offered, discount per cent offered to the user on the price list, category of service, B2B commission per cent offered to HomeConnect etc.

### **Benefits & Results:**

- ❑ An effective network of apartment residents, management as well as the vendors that can provide customized solutions to their regular needs.
- ❑ A completely web based system which would help in cutting out a lot on the manual effort on maintaining records and calculating financials.
- ❑ There is no room for repetitive actions and manual labor is reduced to a bare minimum.
- ❑ Users are able to automate and streamline management of their apartment complex and residential layout efficiently.

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