**Collaborative Open Innovation Network (COIN)**

**Project Definition Template**



**Version 2  
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# General Information about the project:

## Project Name : Health Care Management System

## Project Description:

The idea is to develop a website which allows users to manage their diagnostics, doctor’s appointments, insurance policies and payments to manage the patient’s health. Also the health results are stored in a database which can be used to compute various statistics to determine other parameters.

## BU Information

# Project Details:

## Project Definition :

The basic motive of this project is to manage “Health on Daily Basis”. Health is an important aspect and something that is required to deliver the best output from our side.

## In Scope

Basic Features: The features that this project is going to include in it’s

starting phase includes:

1. E­-APPOINTMENT: This feature consist of a Form at the client end in which client has to fill in the necessary details that will be directed to hospital database which the receptionist can access, schedule it and revert back with a confirmation mail which includes the time at which meeting is scheduled.

2. NEAREST HOSPITAL SEARCH: The website will contain a maps option where prior to location of client, all the nearby hospitals and clinics will be reflected in the map where the person could search/filter details as per the type of treatment needed.

3. DOCTOR SEARCH: The website provides a feature of doctor search. There will be a dummy figure of a human and the client clicks on whichever part of the body, all the doctors related to that part are shown and mapped to their corresponding locations.

4. E-­POLICIES­ The website provides a feature to search the insurance policy that suits you. Amalgamation of all health insurance companies at one spot, comparing their policies, choosing policy online. This feature can be extended to E­INSURANCE CLAIMING feature where all claims can be made online which will reduce the overhead of showing physical presence at the insurance headquarter.

## Out of Scope

There are a lot more features that can be integrated with this project like

● Tracking nearest ambulance

● Emergency Treatment videos

● Database of whole blood banks about the amount and type of blood

available.

● location of these blood banks.

● website could have auto notifications feature which notify not only about daily health status but also about the health activities going nearby like healthcare camps, polio drops day, awareness regarding new diseases and much more.

● Information sharing about new health innovisions, research, Symptom search,Online Reports, nearby testing labs and many more.

Features that can be integrated with this are enormous that actually reflects the purpose and motive of this project.

## Constraints

* Access to hospital database
* Internet Connectivity

## Assumption

* We have taken assumption that our every user have proper internet connectivity.
* The user have proper Knowledge for accessing the website for any kind of diagnosis.

# Tools & Technologies

## Tools :

* Amazon Web Services.
* Visual Studio

## Technologies :

* C#
* SQL Server

# Open Sources / Reusable Components Used

## Open Sources :

## Reusable components :

# Team information

## Mentors : Arun Grover

Milan Mahajan

## Students : Chayan Gulati

Bhavesh Gupta

Tanuj ahuja

Piyush Goyal

Suvarcha Bhatia

## Faculty : Rachna Jain

Bindu Garg

## Others

# Schedule

|  |  |  |  |
| --- | --- | --- | --- |
| Task | Start Date | End Date | Duration |
| **First Report Submission** |  | **01/02/15** |  |
| **Second Report Submission** | **01/02/15** | **15/02/15** | 14 days |
| **Third Report Submission** | **15/02/15** | **01/05/15** | 45 days |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

# Benefits

## CSC

CSC will be benefited as Health Care Management has one of the most emerging markets in the coming times especially in India. The company can expect investments from various other firms and individuals. This project can thus help expand the company's horizon.

## BU / Customer

* Customers would be most benefited from the website as they can manage their Health related problems on the go. An application deployed on the Cloud can play a vital role as it will help bridge the gap between the urban and rural divide.
* Most of the people in India pay their doctor’s fee in cash rather than relying on MediClaims or Insurances. This application will help insurance holders manage the payments.
* Diseases like blood pressure, diabetes, etc. can be tracked and managed with devices like arm bands and can help the patients manage the diseases without the need of infrastructures which are usually missing in our villages.
* The application can also link you to the local chemist stores and buy your medicines at the lowest prices.

## Students :

By working out through this project under the surveillance of industrial mentors, the student can enhance their skill set and can experience the industrial working environment which is the major gap between a student and industry. so this project will greatly helps to remove this gap.Also by working in this project the students will get some motivation for working hard to achieve their desired goals in their respective carrier.

## Mentors :

As mentors have to spend much time for the training of the freshers when they arrive in the industry which will become a great cause of delay in the startup of industry with freshers so by this project they can train the students so that industry can save its precious time.

## Institute :

As their students get industrial experience , this will greatly help the institute the to remove the gap between institutional environment and industrial environment. By mentoring their students they get latest updates of the industry which makes them up to date.