



PROJECT MANAGEMENT APPLICATION

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PROJECT MANAGEMENT APPLICATION

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PROJECT MANAGEMENT APPLICATION

1 Introduction

This project management application aims at simplifying day-to-day work of NGOs. It allows the user to keep track of all projects the NGO takes up – the locations / volunteers/ funds associated with each and then gives analytics of all projects as a whole as well as individually.

The interface has been kept simple and intuitive to facilitate ease-of-use. The user can add/edit/display/delete information related to projects – be it location, fund, personnel or project details itself.

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2 Software and Hardware Requirements

Internet Explorer 9.0+ (recommended)

Google Chrome 6.0+ (recommended)

Mozilla Firefox 4.x+ (recommended)

Microsoft Excel 2003+ (needed for Excel importer/reports)

Microsoft Word 2003+ (needed for Word reports)

Processor: Windows Server with Intel/AMD x86 or x64 processor equivalent
(Virtual Machines fully supported)

Memory: 2 GB minimum, 4 GB recommended

Operating System: Windows Server 2012 R1 & R2 (recommended)

Windows Server 2008 R1 & R2 (recommended)

Windows Server 2003 R1 & R2

Windows 8, 7, Vista, XP Professional

Service Packs: Windows Server 2003 SP2+

Database: Microsoft SQL Server 2014

Microsoft SQL Server 2014 Express Edition

Microsoft SQL Server 2012

Microsoft SQL Server 2012 Express Edition

Web Server: Internet Information Services (IIS) 5.1 or higher

Microsoft .NET Framework 4.0 or higher

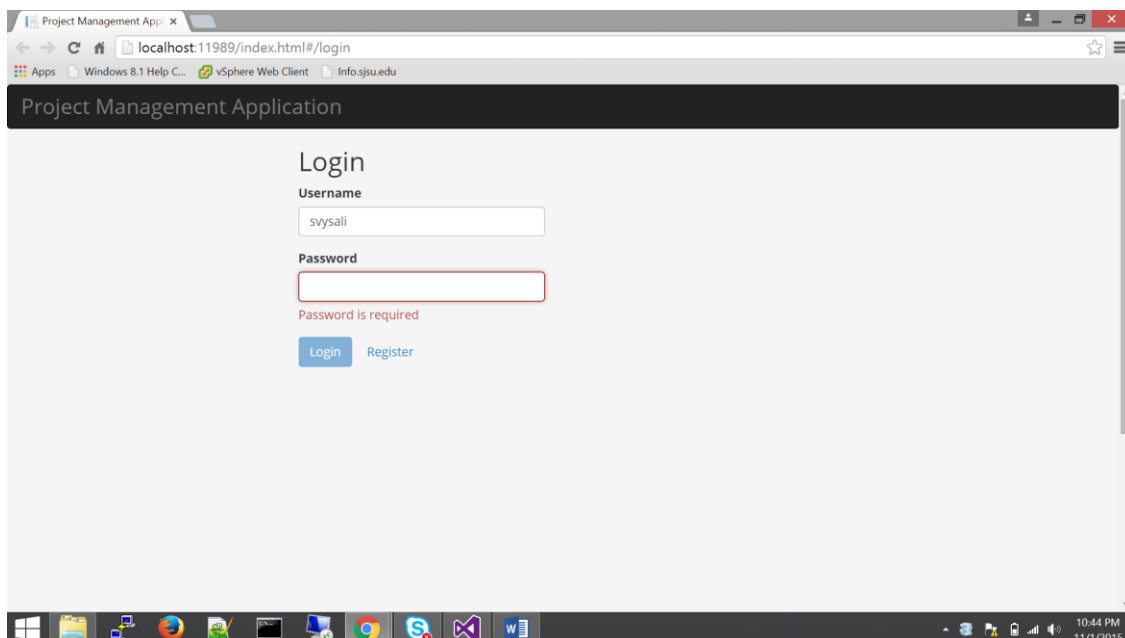
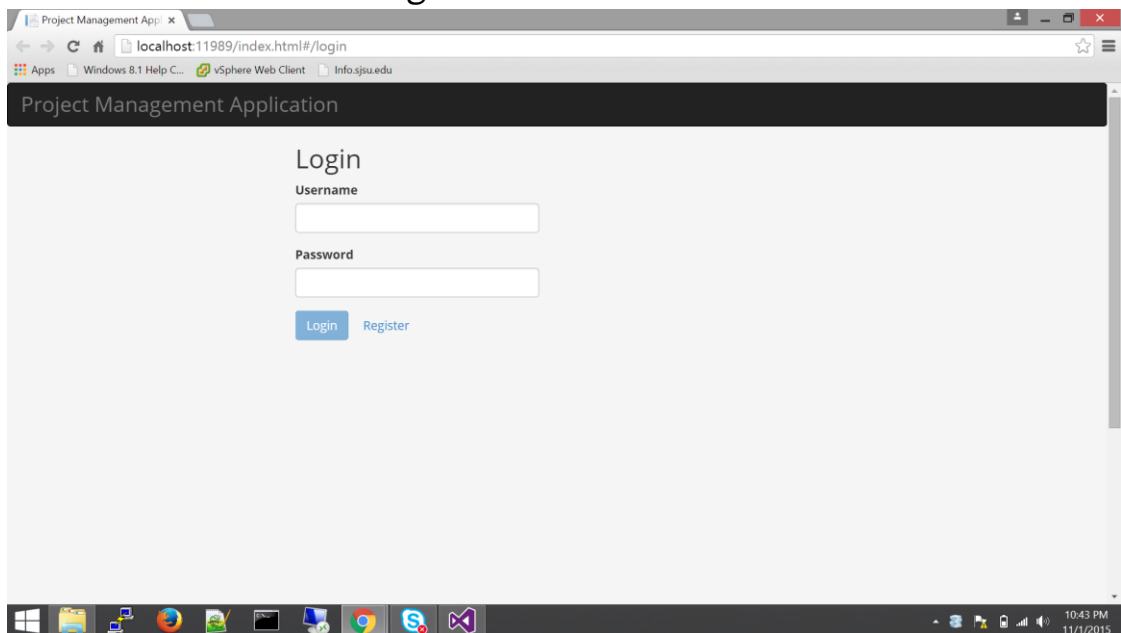
ASP.NET Web Extensions 4.0 or higher

PROJECT MANAGEMENT APPLICATION

3 Modules

This section covers all the modules of our application.

- A. We start with the login page. The user can sign-in if he already has an account. Else he has to register first.



B. In the registration page, the user has to fill in his/her details and will then be re-directed to login page.

Project Management Application

Register

First name

Last name

Username

Password

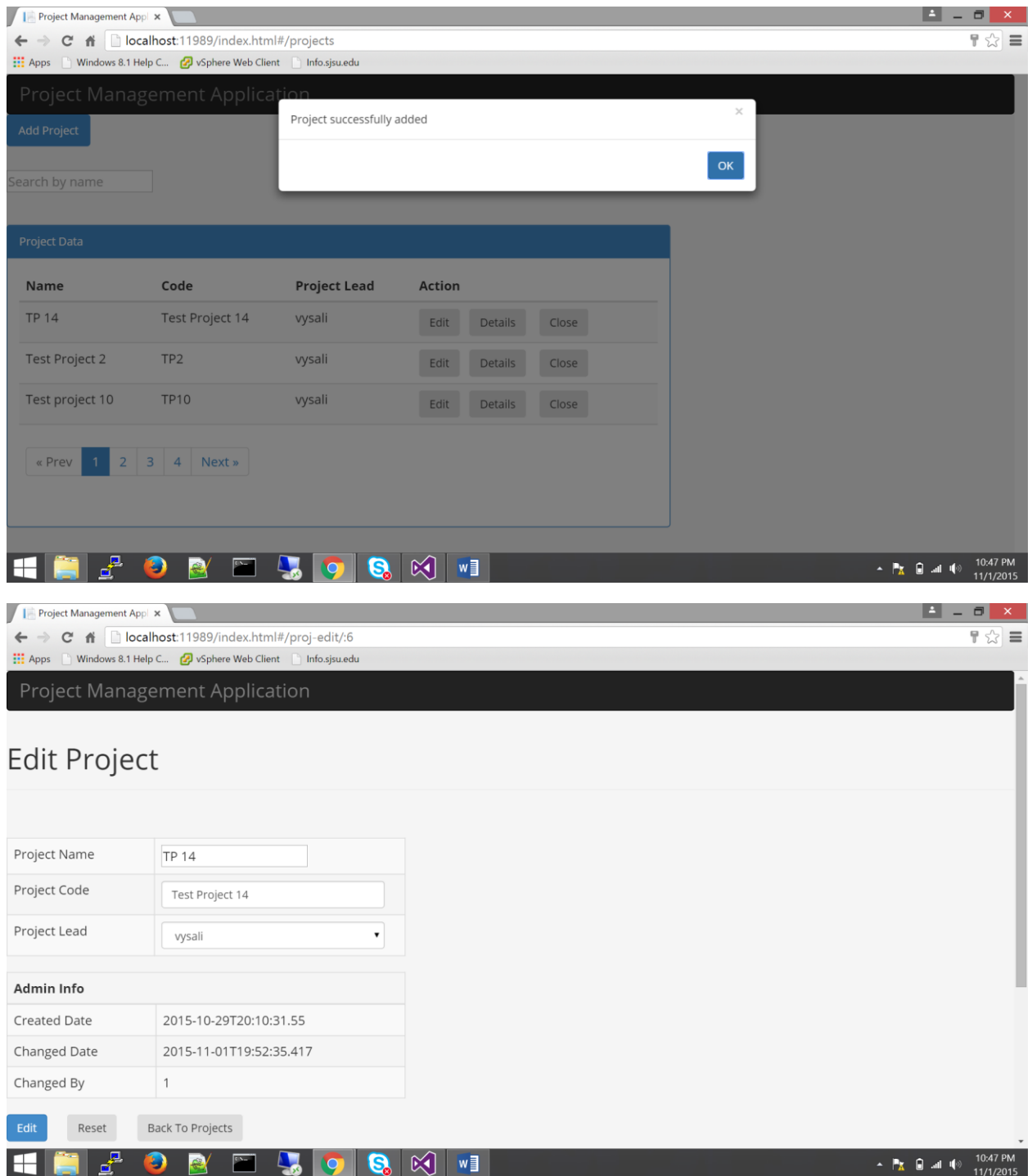
C. In projects page, we can add a new project, edit the details, view all details and also close the project.

Project Management Application

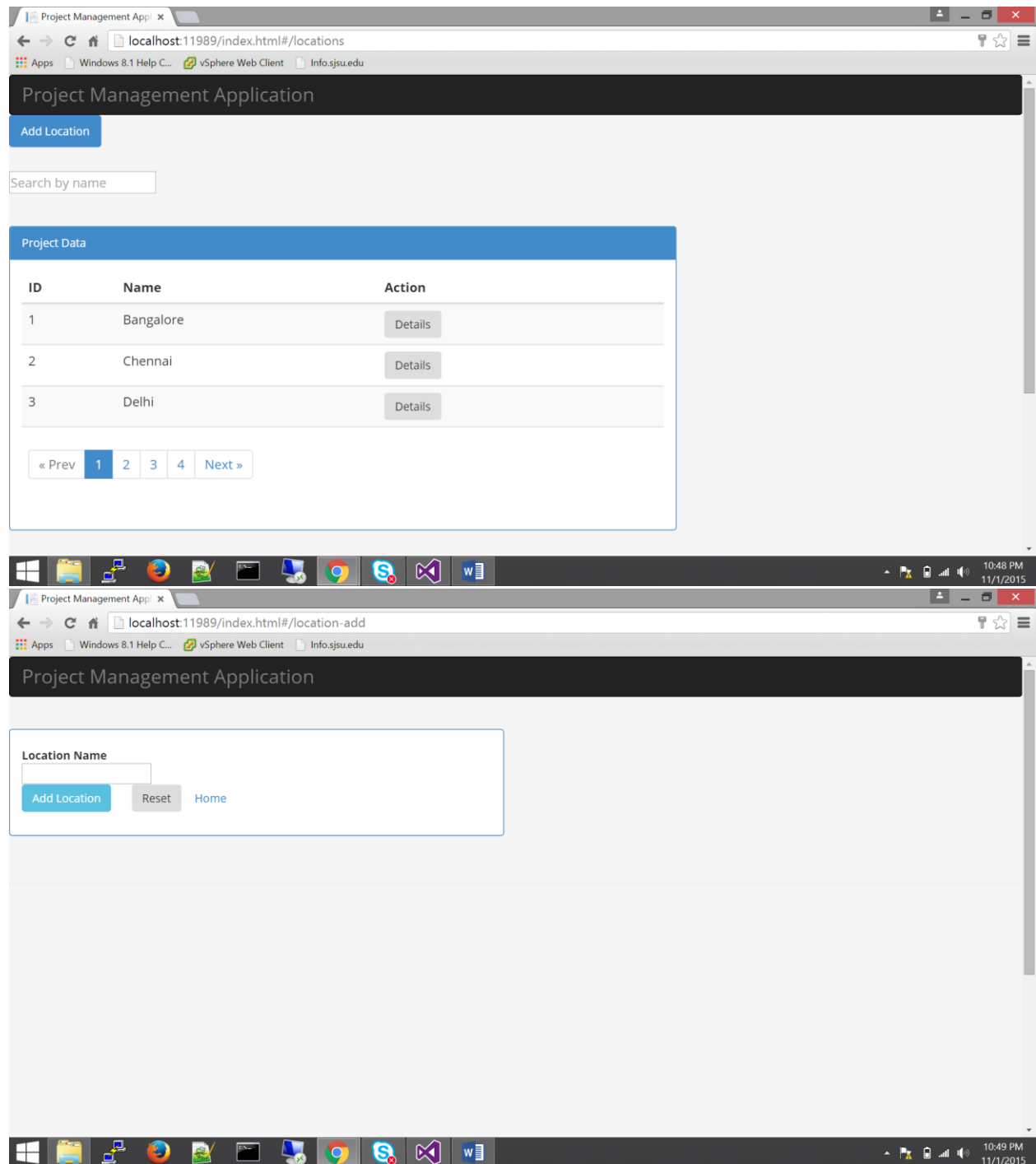
Search by name

Name	Code	Project Lead	Action
TP 14	Test Project 14	vysali	<input type="button" value="Edit"/> <input type="button" value="Details"/> <input type="button" value="Close"/>
Test Project 2	TP2	vysali	<input type="button" value="Edit"/> <input type="button" value="Details"/> <input type="button" value="Close"/>
Test project 10	TP10	vysali	<input type="button" value="Edit"/> <input type="button" value="Details"/> <input type="button" value="Close"/>

« Prev 1 2 3 Next »



D. In locations page, we can add a new project, edit the details, view all details and also close the project.



E. We can add a project to a location

The image displays two sequential screenshots of a web application interface for adding a project to a location. The browser window shows the URL `localhost:11989/index.html#/addProjectsToLocation`.

Top Screenshot: The page title is "Project Management Application". The main heading is "Add A project to a location". There are two dropdown menus. The first, labeled "Location name", has "Chennai" selected. The second, labeled "Project name", is open, showing a list of options: "---Select Product---", "TP 14", "Test Project 2" (highlighted), "Test project 10", "vysh's pet project", "test project 11", "Test Project 3", "Green City", and "Clean City".

Bottom Screenshot: The same page is shown, but the "Project name" dropdown now has "test project 11" selected. Below the dropdowns are two buttons: "Add Project" (in blue) and "Cancel".

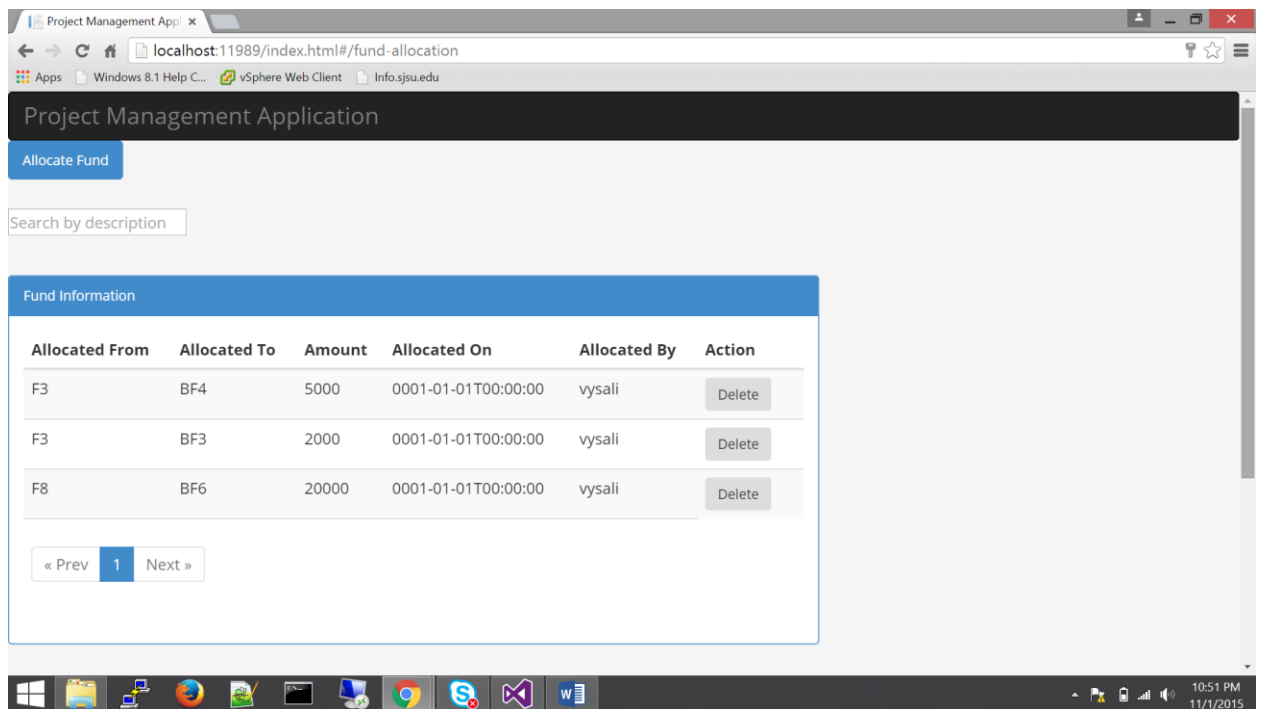
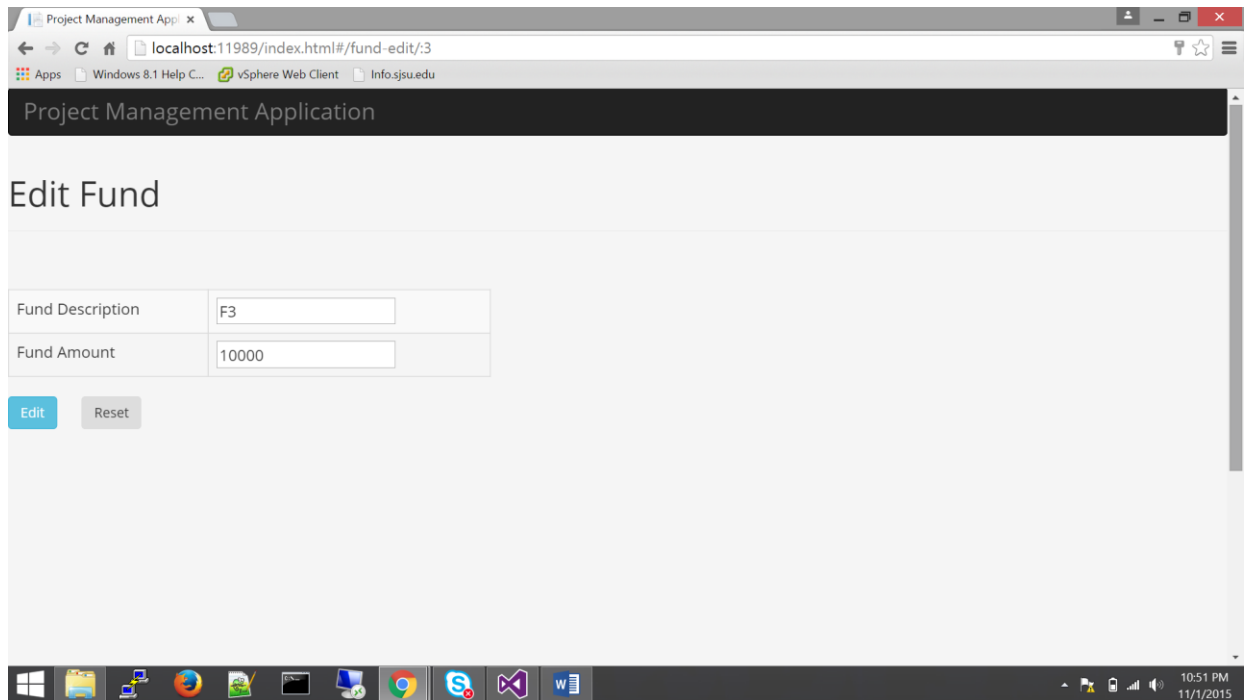
- F. In funds page, we can add transactions, edit details, view details, delete the transaction.

The screenshot displays a web application interface for managing funds. The browser address bar shows `localhost:11989/index.html#/funds`. A search bar at the top is labeled "Search by description". Below it, a section titled "Fund Information" contains a table with the following data:

Description	Amount	Received Date	Changed Date	Changed by	Action
F3	10000	2015-10-30T02:34:34.58	2015-10-30T02:34:34.58	vysali	Edit, Details, Delete
F4	15000	2015-10-30T02:34:34.58	2015-10-30T02:34:34.58	vysali	Edit, Details, Delete
F5	10000	2015-10-30T02:34:34.58	2015-10-30T02:34:34.58	vysali	Edit, Details, Delete

Below the table is a pagination control with links: « Prev, 1, 2, 3, Next ».

A confirmation dialog box is overlaid on the table, titled "The page at localhost:11989 says:". It contains the text "Are you sure you want to delete this transaction" and two buttons: "OK" and "Cancel".



Project Management Application

Allocate Funds

Select Source Fund
F5

Available Amount : 10000

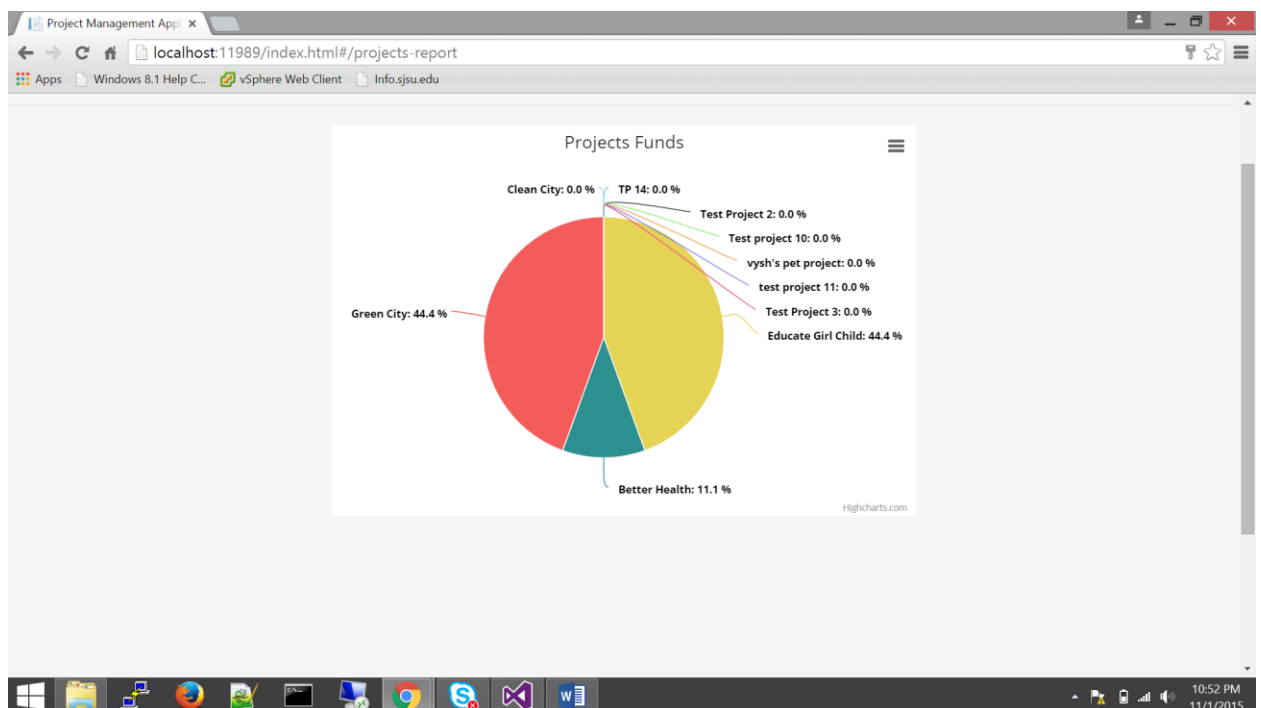
Select Beneficiary
BF6-Green City-Mumbai

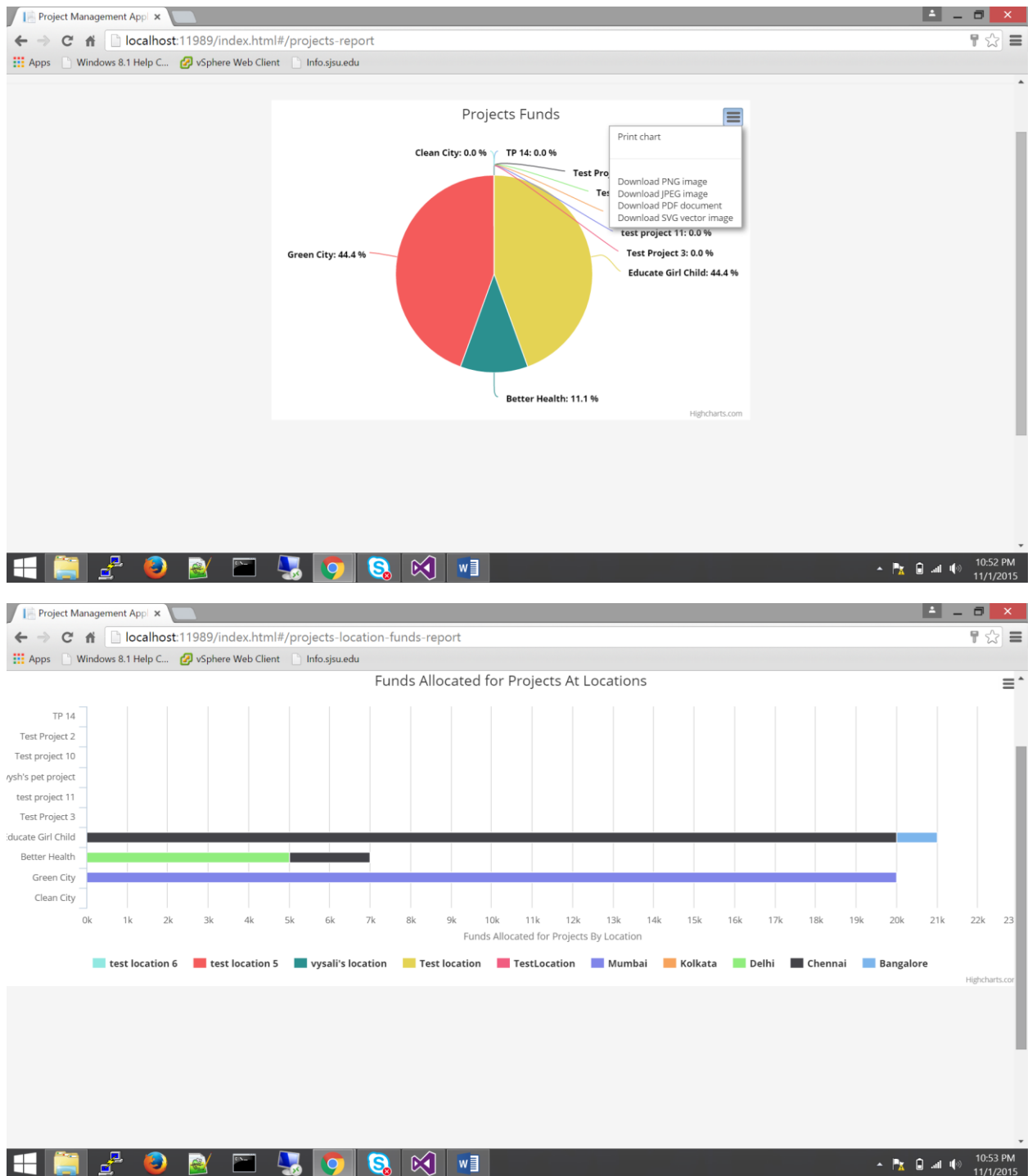
Amount to Allocate
15000

Amount must be less than 10000

Allocate Cancel

G. In analytics page, we can view the reports depicting the relation between projects, funds, locations.





We can also add beneficiary details as well as edit, view, delete the details.

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4 Future Enhancements

The project can be further enhanced to include more reports based on user requirement, improved security, batch updates and api functionality.

Maps can be used to pinpoint location rather than manual entry. An inventory module can be added if required. A calculator as well as a currency convertor can also be added to facilitate transaction recordings.