

RECIPE MANAGEMENT SYSTEM

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Abstract: Today, there are a lot of recipes or cookbooks out there. There are a lot of recipe software applications and, literally, thousands of websites have recipes for everything. Though there is now more recipe or food or kitchen information available than ever, most of it is stuck in the trappings of the old fashioned cookbook where the user still have to flip paper pages, cannot combine multiple recipes into one meal and, unless the user have a very good memory, can seldom remember which book had what recipe the user might want. As the days go by, we tend to choose meals on the spur of the method, often based on what is easy or available. Our following pages make it easier to find recipe and have a nutritional plan so as to maintain good health.

Keywords: Java, My Sql, Jsp, Eclipse IDE

I. INTRODUCTION

The Recipe Management System has been designed to give the user as much freedom as possible in recipe input, but the ability to find what you want quickly is something you will never find in a cookbook. The users can locate recipes based on almost any criteria we can imagine. The Recipe Management System is to create a recipe which acts as a meal management software 'book' that allows you to access an unlimited number of recipes, add your own recipes, share recipes.

II. EXISTING SYSTEM

Most of the recipe management applications contain only those recipes specified by a cook and is uploaded by the admin. The users are allowed to browse and view the recipes. The present application does not allow any researcher to obtain a survey report based on the age group and professions. The present application does not clearly provide proper remedies for a disease interms of the type of food he/she should intake.

III. PROPOSED SYSTEM

In our application you can publish and maintain a library of recipes. Pictures and videos can be uploaded at the same time. This gives a clear picture or a view of the food to be prepared quickly. This application allows the users to find recipes based on health problems and also suggest nutrition tips for the same. It enables the admin to generate a report for a survey. The survey may include the category of people using it, and also based on the age group of people browsing the application.

IV. SYSTEM DESIGN

A. Add recipe function

Add recipe appears as a dropdown list with 3 categories as:

veg, non-veg & home remedies. The user is allowed to upload his own recipes in these categories. After the user selects a category he is given with the form which includes the following:

1. Name of the dish
2. Serves for how many people
3. Time taken for preparation of that recipe
4. Any prerequisites to be followed before we start preparation
5. Ingredients needed
6. Cooking procedure which includes detailed description about preparation
7. Upload an image or video which gives clear picture or view of the food to be prepared quickly

b. Manage recipe

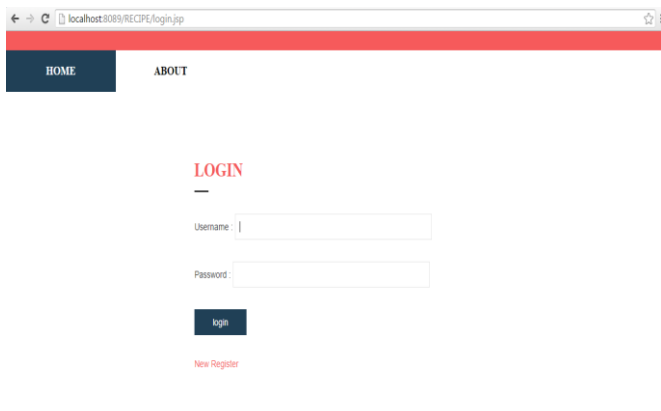
After the user uploads a recipe he can view his recipe under the category named manage recipe where in the user is allowed to modify his own uploaded recipe if necessary or he can also delete his recipe.

c. Rate recipe

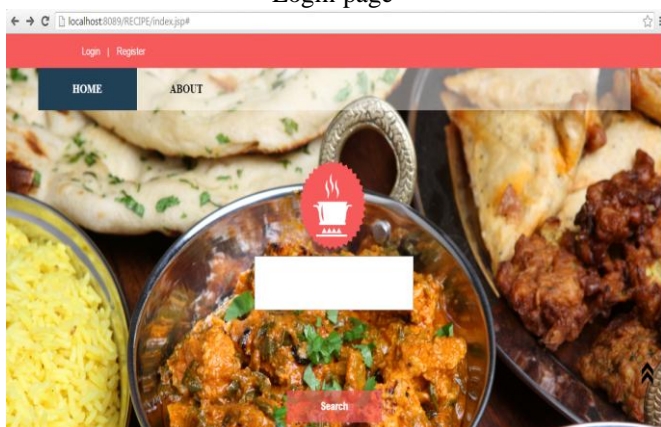
Users are allowed to rate the viewed recipes if interested.

Register

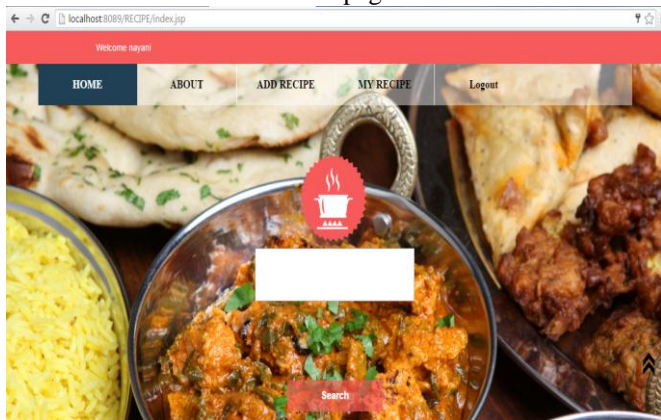
Registration form



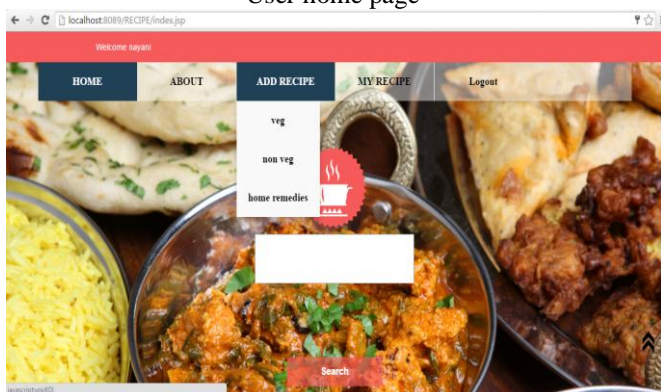
Login page



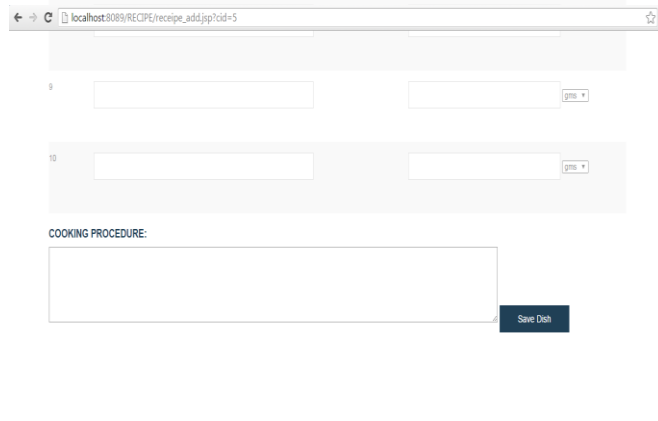
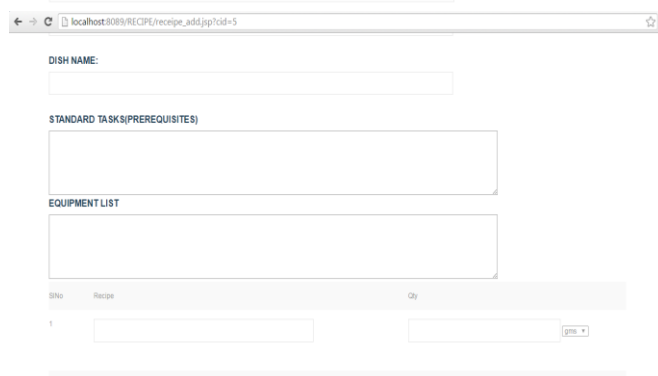
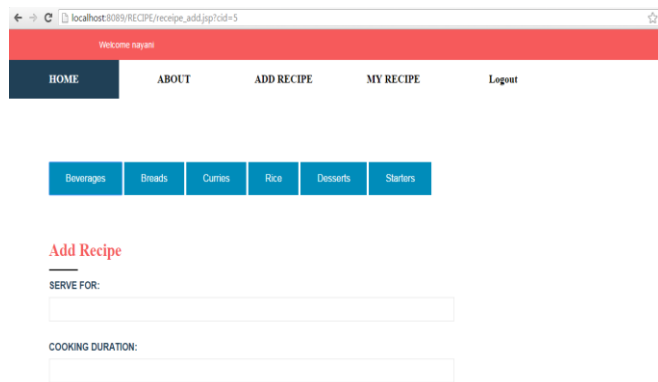
Home page



User home page



Add recipe



Add recipe category

V. IMPLEMENTATION

We developed the prototype of Recipe Management System using Eclipse IDE used to develop any dynamic web application. Traditional methods of cookbooks were not user friendly, whereas our application today can instantly search and provide user the result regarding any food or health remedies and also let you to add your own recipe.

VI. CONCLUSION AND FUTURE WORK

We propose the recipe management system as a web application on any OS. Recipe Management System allows the user to upload a recipe, images, videos and also rate recipes. The uploaded recipe will be approved by an expert chef within a day and then it will be made available to the users. In future, we can add a feature where we can provide a diet chart based on the user's weight, height and gender.

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