

## Web Technologies Assessment

### Capabilities tested:

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- Building Single Page Applications using Responsive Web Design
- HTML5
- CSS3 using Bootstrap
- Build dynamic HTML contents using Java script
- JavaScript Coding Conventions, Best Practices, debugging JavaScript and using console
- JSON
- jQuery

#### Features:

There are four recipe types: “Breakfast recipes”, “Snacks and Sweets”, “Rice varieties” and “Diabetic Recipes”.

Each recipe type contains many recipes for example “Breakfast recipes” contain “Masala Dosa”, “Appam”, “Rice Noodles”, “Phulka”, “Aloo Parathas”, etc. and “Snacks and Sweets” contain “Bhelpuri”, “Murukku”, “Gulab Jamun”, “Mysore Pak”, etc.

Recipe contains ingredients, for example

Ingredients for “Gulab Jamun” are listed below:

- Milk Powder - 1/2 cup
- Maida (All purpose flour) - 2 tsp
- Rava (Semolina) - 1 tsp
- Baking Soda - 1/4 tsp
- Milk - 2 tbsp
- Lemon Juice - 1/2 tsp
- Ghee or Butter - 1 tbsp

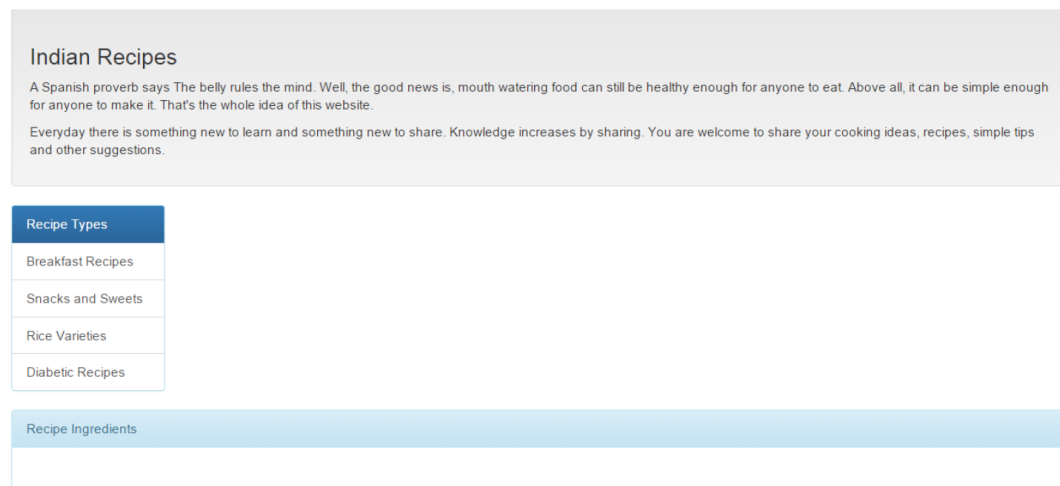
Ingredients for “Aloo Parathas” are listed below:

- Wheat flour - 2 cups
- For filling Potatoes (boiled, grated and mashed) 3-4
- Red chilli powder - 2 tsp.
- Garam masala - 1 tsp.
- Dhania (jeera) powder - 2 tsp
- Anchur powder - ½ tsp.
- Fresh finely chopped coriander
- Bread crumbs

Application:

View 1:

View displays “Recipe Types” menu and “footer”.



View 2:

Clicking on any of the “Recipe Type”, all recipes of that type should be displayed as shown.

View shows all “Breakfast recipes” when user clicks on “Breakfast recipes” menu.

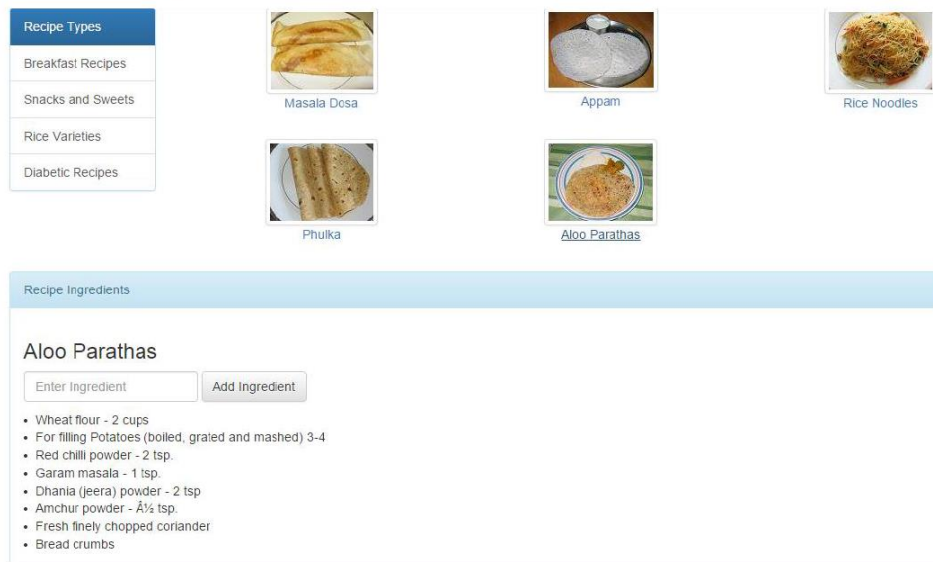


View shows the image the names of the recipes of type “Breakfast recipes”. Each recipe is a hyperlink clicking on that should display the ingredients required to prepare that recipe as shown in view 3.

Note: Images are provided.

View 3:

a) On Clicking “Aloo Parathas” ingredients required to prepare the same should be displayed as shown below:



A text input field and “Add Ingredient” button should also be displayed to add new ingredient to the selected recipe. Once ingredient is added it should display the newly added one as last item and also the JSON memory data should be updated. Next time when the recipe is selected previously added ingredients should be displayed.

b) If no ingredients are added to the recipe only text input field and button should be displayed as shown below:

Screen output on clicking “Masala Dosa” hyperlink for which no ingredients are added.

Recipe Types

- Breakfast Recipes
- Snacks and Sweets
- Rice Varieties
- Diabetic Recipes



Masala Dosa



Appam



Rice Noodles



Phuka



Aloo Parathas

Recipe Ingredients

Masala Dosa

Share the solutions to: [banu@advantech-global.com](mailto:banu@advantech-global.com) and [arjun@advantech-global.com](mailto:arjun@advantech-global.com)