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| **Use Case Name**  Customize recipes for users according to the available ingredients |
| **Goal**  The user will list the ingredients available and the system will retrieve results by suggesting best possible match for the recipe. There will be suppliers for the recipes that are displayed. |
| **Summary**  Two actors for this use case are the user and the search system. User has certain set of ingredients and he wants a recipe based on that ingredients. He is supposed to choose the desired ingredients from the list of ingredients provided by the system. The system, then, retrieves out the best possible matches according to the ingredients chosen by the User. If the user wants to order a certain recipe of his choice, he can select the supplier and place the order. |
| **Actors**  Primary: customers and search system  The customers choose the ingredients, and the search system retrieve the recipes from its database. The user, then, selects the desired recipe to view the content and if he wishes, place an order with the supplier of the recipe.  Secondary: suppliers  Suppliers need to provide customized recipes to the User if he places an order. |
| **Preconditions**   * Ingredients should be in the database(recipes) * Dishes should be in the inventory of the suppliers |
| **Triggers** |
| **Basic Flow**   1. Select the desired ingredients 2. Hit search button 3. See the recipe options 4. Select the desired recipe 5. Place an order |
| ***Alternate Flow***   1. Select the desired ingredients 2. Hit search button 3. No recipe available 4. Start a new search |
| **Post Conditions**  The meal is delivered by the supplier to the user. |
| ***Activity Diagram*** |
| **Notes** |
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