# Use Case Description

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| **Use Case name:** | Setup filters |
| **Product name:** | AmazingChef |
| **Team:** | Knights of 280 |
| **Date:** | 09/07/2017 |

| 1. Goal |
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| Customer setting up filter options to refine recipe result |

| 2. Summary |
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| To refine the search result, users can use filters with options such as cook time, cuisine, meal type, and dietary restriction. Setting up these filters results in fewer recipe appearing on the screen for customers to choose. |

| 3. Actors |
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| Actor 1: Customers  Actor 2: System |

| 4. Preconditions |
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| * The customer has appropriate ingredient input * The customer has searched and received result   *etc.* |

| 5. Trigger |
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| The customers select a filter option |

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| 6. Primary Sequence | |
| **Step** | **Action** |
| 1 | The system display different supported filters and options |
| 2 | The customer choose a filter and select an option |
| 3 | The system refine the result to match with filters |
| *4* | The system display new result |

| 7. Primary Postconditions |
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| * The result is refined and refreshed * The customer sees result matching with selected filter options and his desire   *etc.* |

| 8. Alternate Sequences | |
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| **Alternate Trigger** | |
| 3.1 The system cannot find a recipe matching with filters | |
| **Step** | **Action** |
| 3.1.1 | The system displays a message to the customer |
| 3.1.2 | The system suggests similar/closest options that has at least a recipe |
| *etc.* |  |
| Alternate Postconditions | |
| * The result is empty   *etc.* | |

| 9. Nonfunctional Requirements |
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| * The system response to each customer input within 5 second * The system must keep other filters unchanged * The system displays recipes with pictures and relevant information   *etc.* |

| 10. Glossary |
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| Customer = a person who wants to search for a cooking recipe with certain categories.  System = system and database which will perform the search and refine result |