# Summary

The mission of this project is to create a web site for a cook shop. Customers will be able to customize their own cakes by selecting different options. Owner can accept or reject the order according to their availability. Customer can pay order after it is being approved.

We choose this project, because we are helping to a friend, who has a cake shop but does not have a web site.

We are team of three members:

* Shivani Sharma – Team Lead
* Jasleen Kaur Gill
* Ferda Cetinoneri Ozel

We collected requirements by interviewing owners and customers. We also made brainstorming.

# Project Methodology

In this project, we use waterfall methodology. Major reason for using this methodology is that, project owner does not request any intermediate deliverables. Instead, they want to see the full project plan, delivery deadline and total cost of the project at the very beginning. As a result, all the requirements must be elicited, detailed and documented before starting to design and development stages.

# Project Timeline

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Task#** | **Task** | **Duration (days)** | **Start date** | **End date** | **Dependencies (Task#)** | **Status** |
| 1 | **Analysis** |  |  |  |  |  |
| 1.01 | Research on similar websites | 2 | 2018-06-01 | 2018-06-02 |  | Completed |
| 1.02 | Identify stakeholders | 1 | 2018-06-01 | 2018-06-01 |  | Completed |
| 1.03 | Create questionaries for interviews | 2 | 2018-06-03 | 2018-06-04 | 1.01; 1.02 | Completed |
| 1.04 | Interview shop owners | 1 | 2018-06-05 | 2018-06-05 | 1.03 | Completed |
| 1.05 | Interview customers | 2 | 2018-06-06 | 2018-06-07 | 1.04 | Completed |
| 1.06 | Define business objectives and scope | 2 | 2018-06-08 | 2018-06-09 | 1.05 | Completed |
| 1.07 | Create draft requirements | 2 | 2018-06-10 | 2018-06-11 | 1.06 | Completed |
| 1.08 | Enhance requirements | 4 | 2018-06-12 | 2018-06-15 | 1.07 | Completed |
| 1.09 | Validate requirements | 1 | 2018-06-16 | 2018-06-16 | 1.08 | Completed |
| 1.10 | Finalize BRD and model documentations | 4 | 2018-06-17 | 2018-06-20 | 1.09 | Completed |
| 1.11 | Verify documentations with stakeholders | 2 | 2018-06-21 | 2018-06-22 | 1.10 | Completed |
| 2 | **Design** |  |  |  |  |  |
| 2.01 | Research on Technical Architecture | 2 | 2018-06-21 | 2018-06-22 |  | Completed |
| 2.02 | Choose Technology and Design Technical Architecture | 3 | 2018-06-23 | 2018-06-25 | 1; 2.01 | Completed |
| 2.03 | Design Solution and Database (program hierarcy, reusable parts) | 4 | 2018-06-26 | 2018-06-29 | 2.02 | Completed |
| 3 | **Development** |  |  |  |  |  |
| 3.01 | Development and unit test | 20 | 2018-06-30 | 2018-07-19 | 2 | In progress |
| 3.02 | Code review | 2 | 2018-07-20 | 2018-07-21 | 3.01 |  |
| 4 | **System Testing** |  |  |  |  |  |
| 4.01 | Create test cases | 4 | 2018-07-18 | 2018-07-21 | 1 |  |
| 4.02 | Create test data | 2 | 2018-07-22 | 2018-07-23 | 3; 4.01 |  |
| 4.03 | Run Test cases | 8 | 2018-07-21 | 2018-07-21 | 4.02 |  |
| 5 | **User Acceptance Testing** |  |  |  |  |  |
| 5.01 | Create test cases | 2 | 2018-07-20 | 2018-07-21 | 1 |  |
| 5.02 | Create test data | 1 | 2018-07-22 | 2018-07-22 | 4; 5.01 |  |
| 5.03 | Run Test cases | 4 | 2018-07-23 | 2018-07-26 | 5.02 |  |
| 5.04 | UAT approval | 1 | 2018-07-27 | 2018-07-27 | 5.03 |  |
| 6 | **Deployment** |  |  |  |  |  |
| 6.01 | Set production server and database | 3 | 2018-07-28 | 2018-07-30 | 5 |  |
| 6.02 | Deploy project | 0.5 | 2018-07-31 | 2018-07-31 | 6.01 |  |
| 6.03 | Test on live | 0.5 | 2018-07-31 | 2018-07-31 | 6.02 |  |
| 6.04 | Post Implementation monitoring | 3 | 2018-08-01 | 2018-08-03 | 6.03 |  |