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| REACTIVE DATA SYSTEM ( eVENT dRIVEN ARCHITECTURE) |
| Project Management Document |
| Version 1.0 |
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**Project Guide:** Prof. Chandrashekar Ramanathan

**Team Members:**

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| --- | --- |
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Contents

[Activity List: 3](#_Toc348867619)

[Project Plan: 4](#_Toc348867620)

[Testing Strategies: 5](#_Toc348867621)

[*Project Status:* 5](#_Toc348867622)

# Activity List:

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| **Activity Code** | **Activity Description** | **Estimated Effort(in hours)** |
| P01 | Reading past research work. | 10 |
| P02 | Understanding the problem  statement and requirements | 10 |
| P03 | Analysis of problem statement  and existing solutions. | 15 |
| P04 | Software Requirements Specification Document | 20 |
| P05 | Designing of software architecture. | 15 |
| P06 | Relevant research and learning about the technologies used in the proposed solution. | 30 |
| P07 | Coding and Unit Testing. | 280 |
| P08 | Documentation for user manuals and guides. | 50 |
| P09 | System Testing. | 40 |
| P010 | Review. | 30 |
| P011 | Bug Fixing and re-testing | 50 |
|  | **Total Time Spent(in hours)** | 550 |

# Project Plan:

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| --- | --- | --- | --- | --- |
| **Activity Code** | **Activity Description** | **Start Date** | **End Date** | **Person Responsible** |
| P01 | Reading past research work. | 15/01/2013 | 20/01/2013 | Whole team |
| P02 | Understanding the problem  statement and requirements | 17/01/2013 | 25/01/2013 | Whole team |
| P03 | Analysis of problem statement  and existing solutions. | 26/01/2013 | 05/02/2013 | Whole team |
| P04 | Software Requirements Specification Document | 10/02/2013 | 17/02/2013 | Whole team |
| P05 | Designing of software architecture. | 28/01/2013 | 11/02/2013 | Whole team |
| P06 | Relevant research and learning about the technologies used in the proposed solution. | 01/02/2013 | 15/02/2013 | Whole team |
| P07 | Coding and Unit Testing. | 15/02/2013 | 20/03/2013 | Whole team |
| P08 | Documentation for user manuals and guides. | 01/03/2013 | 01/04/2013 | Whole team |
| P09 | System Testing. | 15/03/2013 | 25/03/2013 | Whole team |
| P010 | Review. | 26/03/2013 | 01/04/2013 | Whole team |
| P011 | Bug Fixing and re-testing | 20/03/2013 | 05/04/2013 | Whole team |

# Testing Strategies:

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| **Test Activity** | **Person Responsible** | **Schedule** |
| Unit Testing | Module Developer | 25/02/2013 to 1/04/2013 |
| Preparation of module level test sheets | Module Developer | 1/04/2013 to 3/04/2013 |
| Integration Testing | Whole Team | 3/04/2013 to 8/04/2013 |
| Preparation of software system level test sheets | Whole Team | 8/02/2013 to 12/04/2013 |

# Project Status:

Read some white papers about the Oracle Event Driven Architecture. Understood the goal statement and its requirements. Designed the architecture of the complete system.