Nashik District Maratha Vidya Prasarak Samaj’s,

Karmaveer Adv. Baburao Ganpatrao Thakare

College of Engineering, Nashik

**Department of Information Technology**

Final Year Project Work

Academic Year: 2016-17

|  |  |  |
| --- | --- | --- |
| Project Title | : |  |
| Project Area | : |  |
| Internal Guide | : |  |



**Savitribai Phule Pune University**

Nashik District Maratha Vidya Prasarak Samaj’s,

Karmaveer Adv. Baburao Ganpatrao Thakare

College of Engineering, Nashik

**Department of Information Technology**

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Nashik District Maratha Vidya Prasarak Samaj’s,

Karmaveer Adv. Baburao Ganpatrao Thakare

College of Engineering, Nashik

**Department of Information Technology**

**UNDERTAKING BY STUDENTS**

We, the students of B.E.I.T. are hereby assure that we will follow all the rules and regulations of SPPU related to the project work for the academic year 2016-17. **The Project entitled-**

will be fully designed and developed by us and no part of the project/full project will be designed and developed by any external entity or copied from some external resources. We are fully aware that copying or taking help of any external agency in the development of our project is totally unethical and illegal. The examiners have /University has full rights to initiate an action against us as per University norms if involved in unfair/illegal/unethical work.

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| **Sr.**  **No.** | **Roll No.** | **Name of Student** | **Signature** |
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**(Academic Year: 2016-17)**

**Project Group No.:**

**Project Title:**

**GROUP DETAILS:**

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| **Sr. No.** | **Roll No.** | **Name of the Student** | **Mobile No.** | **Email id** | **T. E. Result** |
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Name & Signature Internal Guide Name & Signature of External Guide

( if applicable)

Signature of Head of

Department

Mobile No. : Email id :

Mobile No. : Email id : Company Name :

Department of Information

Technology

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| --- | --- | --- | --- |
| **Project Title :** | | | |
| **Project Group No. :** | | **Guide Name :** | |
| **GROUP MEMBERS:** | | | |
| **Roll No. / Seat No.** | **Name of Student** | **Project Area** | **Project Platform** |
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|  | | | |
| **(Please Note : Remove the following guidelines and copy your Abstract)**  **Abstract**  **Abstract Content**  An abstract is an outline/brief summary of your whole project. It should include key points of introduction, methods, results and conclusions. It highlights major points of your project and answers why this work is important, what is your motivation. Most informative abstracts have following key parts.  a. Background  b. Aim or Purpose of Project c. Method Used  d. Findings / Results e. Conclusion  **Do not include any charts, tables, figures, or spreadsheets in the abstract body.**  Abstract File Name : college code space Group id  **e.g. 23 A1** | | | |

Nashik District Maratha Vidya Prasarak Samaj’s

Karmaveer Adv. Baburao Ganpatrao Thakare, College of Engineering, Nashik

Department of Information Technology

**Academic Year: 2015-16**

**Semester - I**

**Weekly Planning Sheet**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Week**  **No.** | **Activity Planned** | **Activity Completed Status** | **Student**  **Signature** | **Guide**  **Signature** |
| **Week 1** |  |  |  |  |
| **Week 2** |  |  |  |
| **Week 3** |  |  |  |
| **Week 4** |  |  |  |
| **Week 5** |  |  |  |  |
| **Week 6** |  |  |  |
| **Week 7** |  |  |  |
| **Week 8** |  |  |  |
| **Week 9** |  |  |  |  |
| **Week 10** |  |  |  |
| **Week 11** |  |  |  |
| **Week 12** |  |  |  |

Project Coordinator Internal Guide

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|  |  |  |  |  |  |  | **PROJECT REVIEW - I** | | |  |  |  |  |  |
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|  | **Group Id :** | | | |  |  |  |  |  | **Date :** |  |  |  |  |
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|  | **Project Title :** | | | |  |  |  |  |  |  |  |  |  |  |
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|  | **Sr. No.** | | |  | **Roll No** |  | **Student Name** |  | **Contact Details** | **Internal / External Guide Details** | | |  |  |
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|  |  |  | 1 |  |  |  |  |  |  | Guide Name : |  |  |  |  |
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|  |  |  | 2 |  |  |  |  |  |  | Mentor Name, email & Mobile No. : | | |  |  |
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|  |  | **REVIEW – I CHECKLIST : FINALIZATION OF SCOPE** | | | | | | |  |  | **25 Marks** |  |  |  |
|  |  | | | | | |  |  |  |  |  |  |  |  |
|  |  | **PROJECT STATEMENT** | | | | |  |  |  |  |  |  |  |  |
|  |  |  |  | | | | | | |  |  |  |  |  |
|  | 1. | | Is the statement short and concise (10-20 words maximum)? | | | | | | |  | Y / N / NA / NC\* | |  |  |
|  | 2. | | Is it clear from reading just this one statement what the project will accomplish? | | | | | | | | Y / N / NA / NC\* | |  |  |
|  | 3. | | Can a person who is not familiar with the project understand what the project expectations to | | | | | | | | Y / N / NA / NC\* | |  |  |
|  |  |  | achieve by reading the Project Problem Statement? | | | | | |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  | | | | | | | |  |  |  |  |  |  |
|  |  | **REQUIREMENT: SCOPE AND OBJECTIVES** | | | | | | |  |  |  |  |  |  |
|  |  |  | | | | | | | | |  |  |  |  |
|  | Does the Scope and Objectives establish the "context" for the proposed project by referencing to | | | | | | | | | |  |  |  |  |
|  | the following elements: | | | | | |  |  |  |  |  |  |  |  |
|  |  |  |  | a. | Are all aspects of the requirements document (i.e., Functional Spec.) addressed in the | | | | | | Y / N / NA / NC\* | |  |  |
|  |  |  |  |  | design? | |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  | b. | Is the architecture / block diagram well defined and understood? Is it partitioned | | | | | | Y / N / NA / NC\* | |  |  |
|  |  |  |  |  | logically? | |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  | c. The project's object of study: what product, process, resource, etc., is being addressed? | | | | | | | Y / N / NA / NC\* | |  |  |
|  |  |  |  | d. The project's purpose: why it's being pursued, (i.e. to evaluate, reduce, increase, etc.)? | | | | | | | Y / N / NA / NC\* | |  |  |
|  |  |  |  | e. | The project's viewpoint: who is the project's benefiter (i.e. user, customer etc.)? | | | | | | Y / N / NA / NC\* | |  |  |
|  |  |  |  | f. | Is the project Goal Statement in alignment with the sponsoring organizations business | | | | | | Y / N / NA / NC\* | |  |  |
|  |  |  |  |  | goals and mission? | |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  | g. (Internal Examiner – Industry) | | | | |  |  |  |  |  |  |
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|  |  | **ANALYSIS** | | |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 1. | | Is information domain analysis complete, consistent and accurate? | | | | | | |  | Y / N / NA / NC\* | |  |  |
|  | 2. | | Is problem Statement is categorized in Identified area and targeted towards specific area | | | | | | | | Y / N / NA / NC\* | |  |  |
|  |  |  | therein? | | | |  |  |  |  |  |  |  |  |
|  | 3. | | Are external and internal interfaces properly defined? | | | | | |  |  | Y / N / NA / NC\* | |  |  |
|  | 4. | | Does the Use Case Model properly reflect the actors and their roles and responsibilities? | | | | | | | | Y / N / NA / NC\* | |  |  |
|  | 5. | | Are all requirements traceable to system level? | | | | | |  |  | Y / N / NA / NC\* | |  |  |
|  | 6. | | Is similar type work / model is verified for existing work? | | | | | | |  | Y / N / NA / NC\* | |  |  |
|  | 7. | | Are requirements consistent with schedule, resources and budget? | | | | | | |  | Y / N / NA / NC\* | |  |  |

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|  |  | **STUDENT PERFORMANCE EVALUATION** | | |  |  |  |  |  |
|  |  | |  |  |  |  |  |  |  |
|  | **Students’ Contribution and Performance** | | |  |  |  |  |  |  |
|  |  |  |  | **Marks (25M)** | | |  |  |  |
|  |  | **Particulars** |  |  | |  |  |  |  |
|  |  |  | **Group Members** | | |  |  |  |
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|  | 1. | Understanding background and Topic |  |  |  |  |  |  |  |
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|  | 2. | Specifies Project Scope and Objectives |  |  |  |  |  |  |  |
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|  | 3. | Literature Survey |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
|  | 4. | Project Planning |  |  |  |  |  |  |  |
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|  | 5. | Contribution of the Student |  |  |  |  |  |  |  |
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|  | 6. | Presentation Skills |  |  |  |  |  |  |  |
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|  | 7. | Question and Answer |  |  |  |  |  |  |  |
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|  |  | **Total (25M)** |  |  |  |  |  |  |  |
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|  | **Comments (if any)** | | |  |  |  |  |  |  |
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# To be filled by internal guide & reviewer(s) only.

\* Whether the presentation / evaluation is as per the schedule. : YES / NO (If NO mention the reasons for the same.)

**Review – I: Deliverables**

* Problem Statement / Title
* Purpose, Scope, Objectives
* Abstract (System Overview)
* Introduction (Architecture Design)
* Literature Survey
* References
* Project Plan 1.0

Name & Signature of evaluation committee -

Name of Reviewer 1 Name of Reviewer 2 Name of Internal Guide

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**PROJECT REVIEW - II**

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| **Group Id :** | |  |  |  | **Date :** |  |
|  |  |  |  |  |  |  |
| **Project Title :** | |  |  |  |  |  |
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| **Sr. No.** |  | **Roll No** | **Student Name** | **Contact Details** | **Internal / External Guide Details** |  |
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| 1 |  |  |  |  | Guide Name : |  |
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|  |  |  |  |  |  |  |
| 2 |  |  |  |  | Mentor Name, email & Mobile No. : |  |
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|  | **REVIEW – II CHECKLIST : DESIGN** | |  | **25 Marks** |  |  |  |
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|  | | | |  |  |  |  |
|  | **DESIGN** | | |  |  |  |  |
|  |  |  | |  |  |  |  |
| 1. | | Are requirements reflected in the system architecture? | | Y / N / NA / NC\* | |  |  |
| 2. | | Does the design support both project (product) and project goals? | | Y / N / NA / NC\* | |  |  |
| 3. | | Does the design address all the issues from the requirements? | | Y / N / NA / NC\* | |  |  |
| 4. | | Is effective modularity achieved? Are modules functionally independent? | | Y / N / NA / NC\* | |  |  |
| 5. | | Are structural diagrams (Class, Object, etc.) well defined and understood? | | Y / N / NA / NC\* | |  |  |
| 6. | | Are all class associations clearly defined and understood? Is it clear which classes provide which | | Y / N / NA / NC\* | |  |  |
|  |  | services? | |  |  |
|  |  |  |  |  |  |
| 7. | | Are the classes in the class diagram are clear as to what they represent in the architecture | | Y / N / NA / NC\* | |  |  |
|  |  | design document? | |  |  |
|  |  |  |  |  |  |
| 8. | | Is inheritance appropriately used? | | Y / N / NA / NC\* | |  |  |
| 9. | | Is the multiplicities in the Use Case Diagram have been depicted in the class diagram? | | Y / N / NA / NC\* | |  |  |
| 10. | | Are behavioral diagrams (Use Case, Sequence, Activity, etc.) well defined and understood? | | Y / N / NA / NC\* | |  |  |
| 11. | | Is aggregation/containment (if used) clearly defined and understood? | | Y / N / NA / NC\* | |  |  |
| 12. | | Does each case have clearly defined actors and input/output? | | Y / N / NA / NC\* | |  |  |
| 13. | | Is all concurrent processing (if used) clearly understood and reflected in the sequence | | Y / N / NA / NC\* | |  |  |
|  |  | diagrams? Are there possible race conditions and/or is starvation a possibility? | |  |  |
|  |  |  |  |  |  |
| 14. | | Are all objects used in some sequence diagram? | | Y / N / NA / NC\* | |  |  |
| 15. | | Is the sequence diagram matches class diagram. | | Y / N / NA / NC\* | |  |  |
| 16. | | Is the symbols used in the all diagrams correspond to UML standards? | | Y / N / NA / NC\* | |  |  |

**STUDENT PERFORMANCE EVALUATION**

**Students’ Contribution and Performance**

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|  |  |  |  | **Marks (25M)** | |  |  |  |
|  |  | **Particulars** |  |  |  |  |  |  |
|  |  |  | **Group Members** | |  |  |  |
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| 1. | | System Architecture |  |  |  |  |  |  |
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| 2. | | Literature Survey |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
| 3. | | Project Design |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
| 4. | | Methodology /Algorithms and Project Features |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
| 5. | | Project Planning |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
| 6. | | Summarizes the ultimate findings of the Project |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
| 7. | | Basic details of Implementation |  |  |  |  |  |  |
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| 8. | | Contribution of the Student |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
| 9. | | Question and Answer |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
| 10. | | Presentation Skills |  |  |  |  |  |  |
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|  |  | **Total (25M)** |  |  |  |  |  |  |
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**Comments (if any)**

# To be filled by internal guide & reviewer(s) only.

\* Whether the presentation / evaluation is as per the schedule. : YES / NO (If NO mention the reasons for the same.)

**Review – II: Deliverables**

* Problem Statement / Title
* Abstract
* Introduction
* Literature Survey / (comparison with existing system)
* Methodology
* Design / Algorithms / Techniques used
* Modules Split-up
* Proposed System
* Software Tools / Technologies to be used
* Proposed Outcomes
* Partial Report (Semester – I)
* Project Plan 2.0

Name & Signature of evaluation committee -

Name of Reviewer 1 Name of Reviewer 2 Name of Internal Guide