**Evaluation form using rubrics for Software Engineering Undergraduate Capstone Design Projects (CMSE 406 or CMPE 406)**

|  |  |
| --- | --- |
| **Student Name:** |  |
| **Student No:** |  |
| **Teammates:** |  |
| **Course Code:** |  |
| **Year-Semester:** |  |
| **Project Title:** |  |
| **Date of Presentation:** |  |
| **Evaluator:**  **(Name & Signature)** |  |

**(Please refer to the associated RUBRIC tables - scoring to be done on a scale of 1 to 4)**

**I. Report (40 %)**

|  |  |  |  |
| --- | --- | --- | --- |
|  | **Score** | **Weight** | **Score** X  **Weight** |
| **Organization and format** |  | **1** |  |
| **Proper citations** |  | **1** |  |
| **Writing and English quality** |  | **3** |  |
| **Size of the report** |  | **1** |  |
| **Motivation for the project (chapter 1 – introduction)** |  | **3** |  |
| **Project Planning and Management (chapter 2)** |  | **2** |  |
| **Requirements Analysis (Chapter 3, sections 3.1 and 3.2)** |  | **4** |  |
| **Realistic Constraints (Chapter 3, section 3.3)** |  | **2** |  |
| **Ethical issues (Chapter 3, section 3.4)** |  | **1** |  |
| **System design (chapter 4)** |  | **5** |  |
| **Implementation (chapter 5, sections 5.1, 5.2, 5.4)** |  | **6** |  |
| **Standards (chapter 5, section 5.3)** |  | **1** |  |
| **Quality Assurance & Quality Control Testing (chapter 6)** |  | **4** |  |
| **User guide for the system (chapter 7)** |  | **2** |  |
| **Description of the solution’s impact in the global, economic, environmental and societal context. (chapter 8- discussion)** |  | **2** |  |
| **References** |  | **1** |  |
| **Appendices** |  | **1** |  |
| **Total** | | |  |

**II. Cooperation with the supervisor (10 %)**

|  |  |  |  |
| --- | --- | --- | --- |
|  | **Score** | **Weight** | **Score** X  **Weight** |
| **Frequency of Interaction with the instructor** |  | **3** |  |
| **Progress reports** |  | **3** |  |
| **Project developed with full cooperation of the supervisor** |  | **4** |  |
| **Total** | | |  |

|  |  |
| --- | --- |
| **GRADE SUMMARY** |  |
| **I. Report** |  |
| **II. Cooperation** |  |
| **III. Quality/Contribution** |  |
| **IV. Presentation** |  |
| **(G) Total (out of 400)** |  |
| **(T) Total (G / 4, out of 100)** |  |
| **(O) Originality (Absence of plagiarism)1** | % |
| **Final grade (T × O)** |  |

**III. Quality and contribution of the project (30 %)**

|  |  |  |  |
| --- | --- | --- | --- |
|  | **Score** | **Weight** | **Score** X  **Weight** |
| **Multi-disciplinary development** |  | **2** |  |
| **Contribution of new ideas** |  | **6** |  |
| **Implementation quality** |  | **10** |  |
| **Use of modern implementation tools** |  | **4** |  |
| **Project solves a realistic problem** |  | **8** |  |
| **Total** | | |  |

**IV. Presentation (20 %)**

|  |  |  |  |
| --- | --- | --- | --- |
|  | **Score** | **Weight** | **Score** X  **Weight** |
| **Organization** |  | **2** |  |
| **Time usage** |  | **2** |  |
| **Quality and relevance of the slides** |  | **4** |  |
| **Communication Skills** |  | **4** |  |
| **Questions and**  **Answers** |  | **8** |  |
| **Total** | | |  |

1 Originality is the degree to which the students did the work themselves. 100% means they did all of it themselves. 60% means 40% of the work was done by others. 0% means the whole project is a copy of an existing project done by others.