# Project proposal

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| --- | --- | --- | --- | --- |
| **Name of Candidates** | **A** | **B** | **C** | **D** |
| **PS Numbers** |  |  |  |  |
| **Name of Mentor – Delivery** | **Hrushi** | | **PS No 954640** | |
| **Name of Mentor- GEA** | **YYYY** | | **PS No** | |
| **Project Period** | **From: November 2020 To: December 2020** | | | |
| **Date of Completion** |  | | | |

### **Project Title**

* Design and Develop MS Paint like application using C++/Qt

Limited features like Clipboard, Limited Color Pallet( 8 Colors) and Limited shapes( 4 Shapes ), Selection of line thickness, Open/Save/Close image, Undo, Redo, Copy, Paste,

**Project DETAILS:**

1. **aim**:

* Goal of this application development is to get an understanding of C++ features and Qt features.

1. **Problem statement:**

* Develop requirement
* Come up with design( Class diagram and Flow diagrams )
* Develop the code to have features like MS Paint application.

1. **Objectives & Learning outcomes of the project**

* Requirements specification and detailed scope.
* Learning on making the design
* Learning on C++
* Learning on Qt

1. **Key Deliverables:**

* Requirements specifications
* Detailed design with class diagrams and flow diagrams
* Source code
* Executable that works like MS Paint application

1. **Hardware & Software Recommendations**

* SW-4

1. **Weekly Progress (gantt chart)**



### **REVIEW**

* Weekly reviews to be conducted over the entire tenure of Project
* Each review comprises of a progress presentation from the candidates
* Mentor may demand daily / Weekly deliverables
* behavioral Traits would be evaluated along with project deliverables

### **Final Review and Recommendation:**

* Rating and Score against each parameter

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Sr.No** | **Parameter** | **Rating** | | **Score/5** |
| **1** | **Approach towards the problem** |  | |  |
| **2** | **Analytical Ability and Results discussion** |  | |  |
| **3** | **Independent Work +Team Work** |  | |  |
| **4** | **Presentation Skills** |  | |  |
| **5** | **Project Deliverables** |  | |  |
| **6** | **Quality of Project Thesis** |  | |  |
| **7** | **Communication Skills** |  | |  |
| **8** | **Attitude** |  | |  |
| **9** | **Confidence** |  | |  |
| **10** | **Innovation** |  | |  |
|  | **Total** |  | | **/50** |
|  |  |  |  | |

A= Exceeds Expectations B= Meets Expectations C=Does not meet expectations

**Recommendation:**

**Progression: Yes No**