**Fr. Conceicao Rodrigues College of Engineering, Bandra (w), Mumbai-50.**

**Department of Artificial Intelligence and Data Science**

**Academic Year 2021 – 2022**

**Class: S.E. A.I.&D.S. Mini Project**

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| **Sr. No.** | **Activity** | **Page No.** | **Date** | **Grade** | **Guide’s Sign.** |
|  | Discussion of Project Domain With Guide |  | 31-8-2021 |  |  |
|  | Detail Statement of Problem |  | 4-9-2021 |  |  |
|  | Presentation on Project idea |  | 4-9-2021 to 9-9-2021 |  |  |
|  | Literature Review (Existing system comparisons and limitations) |  | 20-9-2021 |  |  |
|  | Abstract, Introduction |  | 30-9-2021 |  |  |
|  | Aims and Objectives, Scope |  | 11-10-2021 |  |  |
|  | Design of the Project ( UML Diagrams) |  | 18-10-2021 |  |  |
|  | Presentation on Project Design (Review I) |  | 23-10-2021 |  |  |
|  | Implementation of at least one module |  | 1-11-2021 |  |  |
|  | Presentation on Project Final Design and Implementation one module (Review II) |  | 8-11-2021 to 15-11-2021 |  |  |
|  | Report Submission |  | 20-11-2021 |  |  |

**Grades:**

1. **Attendance +satisfactory discussion + log book writing**
2. **Any 2 of above**
3. **Any 1 of above**

**L- None of above or absent**

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| **Activity 1:** | Detail Statement of Problem | |
| **Description:** | To create an updated and organized website which is not subject limited, presentable , easy and convenient to use as well as having an integrated chatbot all in one place.  There is a lack of websites that include all of the types of conversions a student needs in his academic life, they are either very old and outdated or everything is not present in one website.  Due to online classes / work from home, the need for different conversions have increased.In today's online era where everyone is working and studying at home ,there is a constant need of converting various things such as pdfs ,word files ,image files from one format to another.  At the same time, students also require unit /measurement converters , currency converters , weight converters , area converters ,volume converters ,file converters and much more. | |
| **Outcome:** | Coming up with ideas to make a simple and up-to-date website that is best suited for students and include all types of conversions | |
| **Guide’s Comments:** | **1.**  **2.**  **3.**  **4.** | |
| **Student’s Name** | **Student’s Sign** | **Grade** |
| **1.Jacob Mire** |  |  |
| **2.Amey Managute** |  |  |
| **3.Jonathan Joseph** |  |  |
| **4.Vinit Dave** |  |  |

Guide’s Signature

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| **Activity 2:** | Presentation on Project idea | |
| **Description:** | Created a Presentation based on the thoughts and ideas mentioned above including the following points:  Introduction  Problem Statement  Objective/Goal  Block Diagram  Class Diagram  Comparasion  Technologies Required | |
| **Outcome:** | Representation of the overall idea of the project in a detailed manner | |
| **Guide’s Comments:** | **1.**  **2.**  **3.**  **4.** | |
| **Student’s Name** | **Student’s Sign** | **Grade** |
| **1.Jacob Mire** |  |  |
| **2.Amey Managute** |  |  |
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| **4.Vinit Dave** |  |  |

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| **Activity 3:** | Literature Review (Existing system comparisons and limitations) | |
| **Description:** | Based on our research, some websites don’t have universally compatible resolution, if we open them in different devices it either crashes or lags  Most of the websites have complex and outdated UI and the contents are also unorganized making it hard to use.  None of the Websites had a chatbot integrated to it.  In many of the websites, the quantity of conversions is either subject limited or unit limited | |
| **Outcome:** | After Reviewing the flaws and problems of the existing systems,we are fulfilling what the exisiting systems lacked. | |
| **Guide’s Comments:** | **1.**  **2.**  **3.**  **4.** | |
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| **2.Amey Managute** |  |  |
| **3.Jonathan Joseph** |  |  |
| **4.Vinit Dave** |  |  |

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| **Activity 4:** | Abstract, Introduction | |
| **description:** | In today's online era where everyone is working and studying at home ,there is a constant need of converting various things such as pdfs ,word files ,image files from one format to another.  At the same time, students also require unit /measurement converters , currency converters , weight converters , area converters ,volume converters ,file converters and much more.  We have come up with a solution to all this and we present to you convertian ,convertian is a website that converts all units; from temperature to currencies and everything in between. | |
| **Outcome:** | Representation of the introduction successfully implemented. | |
| **Guide’s Comments:** | **1.**  **2.**  **3.**  **4.** | |
| **Student’s Name** | **Student’s Sign** | **Grade** |
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| **2.Amey Managute** |  |  |
| **3.Jonathan Joseph** |  |  |
| **4.Vinit Dave** |  |  |

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| **Activity 5:** | Aims and Descriptions, Scope | |
| **Description:** | To create an updated and organized website which is not subject limited, presentable , easy and convenient to use as well as having an integrated chatbot all in one place.  Our website covers all domains of conversions from financial,scientifical,mathematical all the way to document conversions.  Following are the list of all the conversions possible through convertian:-  Length Converter(Mm,Cm,M,Km,Miles,Yards ,Ft,Inches, Lightyears)  Weight Converter(Mg,G,Kg,Tons,Pounds,Quintal)  Area Converter(Mm²,Cm²,Km²,Acres,Hectares)  Volume Converter(Mm,Cm,M,Litres,Kilo Litres)  Image To Pdf Conversion (Vice Versa)  Pdf To Word Doc Conversion  Temperature Converter(F°,C°,K)  Pressure(Psi,Pa,Kpa,Barr,Atm,Tor)  Currency(Rupees,Dollars,British Pounds,Dirhams And Many More……)  Number System Conversion(Binary,Decimal,Octal,Hexadecimal)  Power Conversion(Mw,Watts,Mw,Gw,Hp)  Angle Conversions(Degrees,Radians) | |
| **Outcome:** | Representation ofaims and descriptions successfully implemented | |
| **Guide’s Comments:** | **1.**  **2.**  **3.**  **4.** | |
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| **Activity 6:** | Design Diagrams (UML) | |
| **Description:** |  | |
| **Outcome:** | Representation of Class diagram successfully implemented | |
| **Guide’s Comments:** | **1.**  **2.**  **3.**  **4.** | |
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| **Activity 7:** | Presentation on Design of the Project | |
| **Description:** |  | |
| **Outcome:** |  | |
| **Guide’s Comments:** | **1.**  **2.**  **3.**  **4.** | |
| **Student’s Name** | **Student’s Sign** | **Grade** |
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| **2.Amey Managute** |  |  |
| **3.Jonathan Joseph** |  |  |
| **4.Vinit Dave** |  |  |

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| **Activity 8:** | Implementation of at least one module | |
| **Description:** |  | |
| **Outcome:** |  | |
| **Guide’s Comments:** | **1.**  **2.**  **3.**  **4.** | |
| **Student’s Name** | **Student’s Sign** | **Grade** |
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| **2.Amey Managute** |  |  |
| **3.Jonathan Joseph** |  |  |
| **4.Vinit Dave** |  |  |

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| **Activity 9:** | Presentation on Final Design of the Project & Implementation of one module | |
| **Description:** |  | |
| **Outcome:** |  | |
| **Guide’s Comments:** | **1.**  **2.**  **3.**  **4.** | |
| **Student’s Name** | **Student’s Sign** | **Grade** |
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| **2.Amey Managute** |  |  |
| **3.Jonathan Joseph** |  |  |
| **4.Vinit Dave** |  |  |

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| **Activity 10:** | Report Writing and Submission | |
| **Description:** |  | |
| **Outcome:** |  | |
| **Guide’s Comments:** | **1.**  **2.**  **3.**  **4.** | |
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