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| **PROJECT PHASE 1** | | | | | | | | |
| Department: CD | | | | Semester: 6 | | | Academic Year: 2024–25 | |
| **I** | **Proposed Title of the Project:** | | |  | | | | |
| **Area of Specialization/Stream** | | | **Web Application** | | | | |
| **Mapping with POs & PSOs** | | |  | | | | |
| **II** | **Name(s) of guide(s):** | | | **Prof. Chaithanya D** | | | | |
| **III** | **Name of Team Members** (Not more than four students in a batch): | | | | | | | |
| Sl. No. | Name | | | USN | | | Contact No. |
| **1** | **Gaurav G Alva** | | | **4VP22CD019** | | | +91 7259130756 |
| **2** | **Harshit M Naik** | | | **4VP22CD022** | | | +91 7975517211 |
| **3** | **Prapthi J P** | | | **4VP22CD037** | | | +91 8660960756 |
| **4** | **Supreetha N S** | | | **4VP22CD058** | | | +91 |
|  | | | | | | | |
| **IV** | **Introduction** | | | | | | | |
| A college timetable is essential for organizing lectures, lab sessions, and faculty assignments while ensuring smooth coordination of resources. Creating a timetable for multiple subjects manually while satisfying all constraints is a challenging and time-consuming task that often leads to errors, scheduling conflicts, and inefficient resource allocation. In the traditional method, coordinators must manually manage faculty availability, classroom assignments, and student course distribution, making the process tedious and prone to clashes and resistant to last-minute changes. By automating the timetable generation process, institutions can optimize scheduling, minimize manual effort, and ensure a seamless, conflict-free academic experience for both students and faculty. | | | | | | | |
| **Objectives of the project** | | | | | | | |
| * To develop a system that simplifies the process of timetable scheduling for institutions by understanding the requirements of the course. * This system reduces the burden of the coordinator, reducing the conflicts like overlapping classes, overlapping labs etc., * To develop a timetable generator that satisfies the scheduling needs based on the faculty workload, course structures and institutional policies. * To improve decision-making by offering a user-friendly interface for administrators to input constraints, review timetables, and make necessary adjustments before finalising schedules. | | | | | | | |
| **V** | **Methodology** | | | | | | | |
|  | *Steps followed to meet the objectives. Overall content should not exceed a page, Include diagram if applicable.(Font: Times New Roman, 12pt, Black)* | | | | | | | |
| **VI** | **Expected Outcome of the project** | | | | | | | |
|  | *Explain the final outcome, deliverables after the completion of the project (not more than half page)* *(Font: Times New Roman, 12pt, Black)* | | | | | | | |
| **VII** | **Application of the project** | | | | | | | |
|  | *Briefly explain the application of the project.* (Font: Times New Roman, 12pt, Black) | | | | | | | |
| **VIII** | **Does the project proposed is relevant to any of the Industry or Institution in and around your area: Yes**  School, Colleges and Coaching Institutions.  Vivekananda College of Engineering & Technology | | | | | | | |
| **IX** | **Budget** | | | | | | | |
|  | Materials Cost: | | | | |  | | |
| Labour Charges: | | | | |  | | |
| Any other cost: | | | | |  | | |
| Total: | | | | |  | | |
| Source for Funds: | | | | | Self | | |
|  |  | | | | | | | |
| **X** | **Schedule for Major Activities** | | | | |  | | |
|  | | | | |  | | |
| Date of commencement of project: | | | | | 17-09-2024 | | |
| Project Plan (Synopsis) submission to the Department | | | | | 23-09-2024 | | |
| Review of the Project Plan by Guide/Project Coordinators/HoD | | | | | 24-09-2024 to 25-09-2024 | | |
| **Presentation 1:**Presentation of Project Plan (Synopsis) | | | | | 1st Week of October 2024 | | |
| Last date for re-submission (if applicable) & review | | | | | 10-10-2024 | | |
| **Presentation 2**  Presentation on Introduction, Literature review / Requirements Specification and Analysis | | | | | 4th  Week of October 2024 | | |
| **Presentation 3 :** Materials & Methodology / System Design & System Implementation/ System Testing and Experimental Results & Conclusions and Scope for Future Enhancement.  Complete Demonstration, **Internal Viva Voce** | | | | | 4th Week of November 2024 | | |
| Probable date of completion of the project: | | | | | 05-12-2024 | | |
| Last date for Submission of Completed Project Report with Journal Paper**/** Participating in the competition/exhibition certificate | | | | | 15th December 2024 | | |
| *Note: Above schedule may change as per VTU academic calendar.* | | | | | | | |
| **XI** | **Team members** | | | | | | | |
|  | Student(s) | | | | | Signature with date | | |
| 1. Gaurav G Alva | | | | |  | | |
| 2. Harshit M Naik | | | | |  | | |
| 3. Prapthi J P | | | | |  | | |
| 4. Supreetha N S | | | | |  | | |
| **XII** | **Guidance** | | | | | | | |
|  | Guide (s) allotted: | | | | | Signature (s) with date | | |
|  | 1. Guide: | | Prof. Chaithanya D | | |  | | |
|  | 2. Co-Guide (if any): | | Prof. / Dr. | | |  | | |