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| **Project Title:** GradRooAte | |
| **Start Date:** 02/10/2020 | **End Date:** 06/2020 |
| **Project Manager:** Joshua Wendl / Kendal Sutton | |
| **Project Sponsor:** UMKC | |
| **Customer:** Gina Campbell | |
| **Users:** UMKC Staff | |
| **Stakeholders and Expectations:**  Team: Have a structured, productive, and balance semester to fulfill the client expectations in software development.  Professor Bingham: A good project and utilize the skills that has been obtained in school.  UMKC: Improve the workflow for faculties to schedule their classes | |
| **Purpose (Problem or opportunity addressed by the project)**:  Ensure the UMKC faculties have a layout schedule to fit their and UMKC’s needs. Provide condition rules for faculties class scheduling. | |
| **Goals and Objectives**: Reduce the time it takes to schedule a faculty class:   * Create a user-friendly GUI that inputs rules, classes, professors, rooms and other items for a semester scheduling. * Tackle any conflicting schedules that may arise. | |
| **Schedule Information (Major milestones and deliverables)**:   * 02/17/2020 – Iteration 1 Begins * 02/23/2020 – Project Charter * 02/29/2020 – Requirements Document Baselined * 03/02/2020 – Iteration 1 Closeout / Iteration 2 Begins * 03/06/2020 – Project Plan * 03/16/2020 – Technical Prototype * 03/16/2020 – Iteration 2 Closeout / Iteration 3 Begins * 04/03/2020 – Architecture Document Due * 04/06/2020 – Iteration 3 Closeout / Iteration 4 Begins * 04/20/2020 – Iteration 4 Closeout / Iteration 5 Begins * 04/26/2020 – Test Plan * 04/27/2020 – User and System Guide * 05/01/2020 – Project Results * 05/04/2020 – Iteration 5 Closeout * 05/09/2020 – Project Feedback / Team Evaluation | |
| **Financial Information (Cost estimate and budget information)**:  1 project manager at 3 hours per week for 12 weeks 36 hours  1 requirement engineer at 3 hours per week for 12 weeks 36 hours  2 software engineers at 3 hours per week each for 12 weeks 72 hours  144 hours total | |
| **Project Priorities:** Ensure that all documents are ready for the client. Be aware of the deadlines of each iteration and project tasks. Deliver a progressive program by the end of the semester. | |
| **Constraints**: Must sign the University of Missouri Student Selection Agreement to complete project. Under the governed Collected Rule and Regulation (“CR&R”) 100.020.D.6 and 100.030.A.5, UMKC students are not allowed ownership for the project submitted. If the agreement is not signed, the student will not receive credit for the course. | |
| **Assumptions**: UMKC labs will be open for software usage to complete tasks if needed. All group members will provide communication and utilize their skills to fulfill their duties. Have the availability of stakeholders known and communicate efficiently. | |
| **Success Criteria**: The project will be considered a success if (1) the schedule and documentations fit requirements, (2) communicate and availability of group members are given, and (3) deliver a prototype of the project by the end of the semester. | |
| **Scope**:  At the minimum, the software will (1) input rules and check conflicts and (2) generate/rearrange faculty schedules. | |
| **Risks and obstacles to success**: Not having a clear understanding of the client’s expectation. Have a nonprogressive program due to availability of team members, little resources, ego, and overlapping ideas. Little communications among team members. Lack of front-end UI’s. Different skills and background that may conflict. | |
| **Signatures**  **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Project Manager**  **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Project Sponsor**  **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Customer**  **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Technical Lead** | |