COE/ELE 70A (Fall): Group and Individual Milestones

# Group Members:

# Student A: Taskin Abdur-Rahman

# Student B: Zohraan Badar

# Student C: Yadu Krishnan Madhu

# Student D: Kisoban Rajendran

# Project Title: AA05 - Automated Parking Management System

\* “Initials” under “individual tasks” means you put your initials (first letter of your first name . first letter of your last name) agreeing that you will take those individual responsibilities as student A or B or C or D as per the assigned responsibilities in your EDP topic (on EDP website) subjected to changes by your FLC.

\* Note: The below milestones template is subjected to modifications by your respective FLCs.

| Week | Group Tasks | Individual Tasks: Student A | Individual Tasks: Student B | Individual Tasks: Student C | Individual Tasks: Student D |
| --- | --- | --- | --- | --- | --- |
| T. A. | Z. B. | Y. M. | K. R. |
| Wk#3 | Research and break the project down into high-level modular components. Establish Fall milestones and submit. | Research high-level modular components of the system.  Schedule a meeting to review and confirm these components.  Discuss components and how they will interact when integrated.  Review and Submit Fall milestones | Research high-level modular components of the system.  Discuss components and how they will interact when integrated with the team.  Review and Submit fall milestones. | Research high-level modular components of the system.  Discuss components and how they will interact when integrated with the team.  Review and Submit fall milestones. | Research high-level modular components of the system.  Discuss components and how they will interact when integrated with the team.  Review and Submit fall milestones. |
| Wk#4 | ESTABLISHING REQUIREMENTSEstablish all initial features of the system. Establish all initial requirements for each subsystem.  FLC Meeting  Update requirements and specs document if necessary. | Shall contribute to all tasks within meetings and discussions. | Shall contribute to all tasks within meetings and discussions. | Shall contribute to all tasks within meetings and discussions. | Shall contribute to all tasks within meetings and discussions. |
| Wk#5 | Submit MCR  1. Finish documenting all base requirements and specs.   **PRELIMINARY DESIGN**   1. Design a solution for the parking spot tracking subsystem. (flowchart, etc.) | 1,2,3 | 3 | 2, 3 | 2, 3 |
| For FLC (Internal Use ONLY)  Milestones Compliance Report 1 (Student A – Manager, Students B, C, and D – Team Players)  Submission Date (Due: Friday 1.59 PM of week 5)  Notes |  |  |  |  |
| Wk#6 | Breakdown the following subsystems into low-level components and specifications:  1. Complete design for parking spot tracker. 2. Design a solution for the GUI application. 3. Meeting with FLC, and updating design after meeting. | All members | All members | All members | All members |
| Wk#7 | Complete design for GUI applicationComplete design solution for database.  1. Submit MCR | 1, 2 | 1, 2 | 1, 2, 3 | 1, 2 |
| For FLC (Internal Use ONLY)  Milestones Compliance Report 1 (Student A – Manager, Students B, C, and D – Team Players)  Submission Date (Due: Friday 1.59 PM of week 5)  Notes |  |  |  |  |
| Wk#8 | Design parking lot model. Look into part ordering.  1. Design high and low level testing process, environment/setup. 2. Meeting with FLC. Make necessary changes after the meeting. | 2, 3 | 1, 3 | 1, 2, 3 | 1, 3 |
| Wk#9 | 1. Design software management setup (Version control, documentation, workflow tools and setup). 2. Submit MCR | 1 | 1 | 1 | 1, 2 |
| For FLC (Internal Use ONLY)  Milestones Compliance Report 1 (Student A – Manager, Students B, C, and D – Team Players)  Submission Date (Due: Friday 1.59 PM of week 5)  Notes |  |  |  |  |
| Wk#10 | DESIGN REVIEWDesign review for parking spot tracking subsystem  1. Design review for GUI application. 2. Design review for database solution. 3. Design review for parking lot model. 4. Design review for testing process/ simulation. 5. Review integration between subsystems. 6. Meeting with FLC. | All tasks | 1, 4 | All tasks | All tasks |
| Wk#11 | Create presentation/review documentation for FLC. (Full-scale block diagram)  1. Initialize software environment setup by installing tools and running simple programs.  Initialize folder structure, version control, and organize code.  1. Submit MCR 2. Fall final report | 1, 2, 3, 5 | 4 | 1, 2, 3, 5 | 1, 2, 3, 5 |
| For FLC (Internal Use ONLY)  Milestones Compliance Report 1 (Student A – Manager, Students B, C, and D – Team Players)  Submission Date (Due: Friday 1.59 PM of week 5)  Notes |  |  |  |  |
| Wk#12 | 1. Review all design so far 2. Ordering parts  Meeting with FLC  1. Prep for Oral Exam 2. Fall final report | All tasks | All tasks | All tasks | All tasks |
| Wk#13 | Winter milestone planning.  1. Oral exam 2. Submit Fall final report | All tasks | All tasks | All tasks | All tasks |