**MIS 4596**

**Project Charter**

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| ***Project Title*** | ***COMMUT3R*** | ***Product/Process Impacted*** | Travel Updates and Alarm Times |
| ***Start Date*** | ***10/4/15*** | ***Organization/Department*** |  |
| ***Target Completion Date*** | ***11/30/15*** | ***Champion*** | Emily Dryden |

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|  |  | Description | | | | | | | | | | | |
| **1. Project Description** |  | COMMUT3R is a locally hosted alarm clock app that sits on the user’s phone and integrates the use of other apps already installed on the device, such as the Weather Channel app, NBC10 app, Bing maps, Google maps, etc., and the user's Google Calendar to generate a set of alarms that notify the user when to leave or wake up, in order to make it to their destination or appointment on time. In order to create alarms, the app will ask the individual to complete several tasks on the configuration page. The tasks include:  1.) Select what apps the user would like to use when creating the alarms. (the apps the user would choose from would already be installed on the user's device)  2.) Set a time frame that the user wants the COMMUT3R app to be actively running. (ex: 10pm-9am)  3.) Select, from a predetermined list, how often the alarms are updated/re-evaluated. (ex: every hour)  4.) Set a time value that describes the time needed to complete the user’s morning routine. (This time value would only be taken into account for the wake up alarm, which would be defaulted to the first event on the Google Calendar each day.  Once the configuration page is completed and the user selects the “Finish” button a results page will appear. The results page will show the next event listed on the calendar between the user’s preselected time frame with its corresponding generated alarm, trip duration, and GPS map. It is important to note, that in order for the app to work, all appointments or events on the user’s Google Calendar must have a location, date, and time listed. | | | | | | | | | | | |
| **2. Project Scope** |  | The scope of the project is limited to the functionality mentioned above and only in a proof-of-concept capacity. We will develop a 3 pillar application showcasing COMMUT3R generating alarm times. The first pillar will be the main page, the second pillar will be the configuration pages, and the third pillar will detail the alarm times suggested for each Google Calendar event within the user’s timeframe. The pages presented will be functioning, but only with mocked, but realistic, data. | | | | | | | | | | | |
| **Project Goal and Deliverables**  The product will be developed in three pillars:   1. Main Page 2. Configuration Pages 3. Alarms Page   Specific deliverables are as follows: | | | | | |  |  | **Metrics**   * Timely Completion * 100% functionality * Professional Appearance * Aggregates data and sets alarms respectively | | **Baseline**  10/10/15 | **Current**  100% complete | | **Goal**  11/30/15 |
| 1.) Business Requirements Documentation   * Business Charter * Business Model Canvas * Systems Architecture Model * Final Project SlideDeck | | | | | |  |  | * Timely completion * Accurately completed * No spelling and/or grammar errors | | 10/12/15 | 100% complete | | 11/30/15 |
|  | | | | | |  |  |  | |  |  | |  |
| 2.) Information/alarm aggregation | | | | | |  |  | Accuracy of time suggested | | 10/15/15 | 100% complete | | 11/30/15 |
| 3.) Project Community Site | | | | | |  |  | * Timely completion * Professional Appearance * Details all required deliverables * Promotes end Project | | 10/10/15 | 100% complete | | 11/30/15 |
| **4. Business Results Expected** | | |  | The Team plans to configure the app for both Android and iOS. The team also plans to sell the app for $0.99 on GooglePlay and the Appstore respectively. There will be some developing and marketing costs required as well. Overall, the team’s goal is to at least break even and offer a useful tool for various consumers to improve their day to day lifestyles. | | | | | | | | | |
| **5. Team members** | | |  | The Team is accountable to ourselves for creating a strong project for MIS 4596. Our team’s Champion is Emily Dryden. Our Team members include Brooke Hirst, Emily Dryden, Andrew Rudoi, and Evan Tini. If the team should need expert advice or guidance we could consult with Anthony Messina, our professor, or Joe Spagnoletti, our mentor. | | | | | | | | | |
| **6. Support Required and risks** | | |  | Constant contact with Anthony Messina and Joe Spagnoletti will help keep the team in tune with the project requirements and agreed upon project scope. Otherwise, no additional personnel support will be needed.  Risks to the project include:   * Shortening of timeframe to complete project * Project Scope Creep * Communication issues amongst group members * Missed project benefits/outcomes * Project Idea Changes | | | | | | | | | |
| **7. Customer Benefits** | | |  | * Increases user’s punctuality * Reduces user’s travel stress * Offers users a “peace of mind” comfort * Alerts users of traffic and weather delays * Offers users a customizable weather/traffic info source   There are no foreseeable negative effects for the customer. | | | | | | | | | |
| **8. Technology Architecture** | | |  | The prototype will consist of an application constructed from JustInMind. The application will be hosted locally on the user’s device and will integrate data from various apps installed on the user’s device. No information will leave the device. The app will also require the user have their Location Locator settings on for Google and/or Bing Maps to work properly. Finally the app will be configured for both Android and iOS via GooglePlay and the App Store respectively.  Andrew Rudoi has multiple years of experience with each of these technologies and will be primarily responsible for the technology used in this project. | | | | | | | | | |
| **9. Overall schedule/Work Breakdown Structure** (Key milestones & dates) | | | | | **Responsible**  **individual** | | | **Output (notes, diagrams, interviews, screen prints)** | **Date started if in progress**  **Or Expected completion date** | | | **Date completed**  **or date completion**  **is expected** | |
| Planning | | | | | Brooke  Brooke | | | * Project charter * business model | 10/5/15  10/31/15 | | | 11/19/15  11/19/15 | |
| Analysis | | | | | Brooke/ Emily | | | * Research notes, mentor meeting notes | 11/2/15 | | | 11/17/15 | |
| Design | | | | | Andrew/Evan | | | * Systems Architecture Model | 11/20/15 | | | 11/29/15 | |
| Implementation: Construction | | | | | Andrew/Evan  Emily  Brooke | | | * Full page designs * Slide Deck * Project Website | 11/20/15  11/20/15  11/18/15 | | | 11/29/15  11/25/15  11/30/15 | |
| Implementation: Testing | | | | | Andrew/Evan | | | * Fully working pages | 11/25/15 | | | 11/29/15 | |
| Installation | | | | | Andrew  Team | | | * Working App * Completed Presentation | 11/25/15  11/25/15 | | | 11/29/15  11/30/15 | |