**MIS 4596**

**Project Charter**

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| ***Project Title*** | **Diabetes Application Prototype** | ***Product/Process Impacted*** | **Diabetes Health Management** |
| ***Start Date*** | **September 6, 2014** | ***Organization/Department*** | **Fox School of Business** |
| ***Target Completion Date*** | **December 8, 2014** | ***Champion*** | **Bruce Hohne** |

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|  |  | Description | | | | | | | | | | | | |  |
| **1. Project Description** |  | HealthFit Pro is a lifestyle application that enables diabetic and non-diabetic users to take control of their health by monitoring their diet, exercise and glucose readings. The app incorporates the ability to research nutritional values of food, use wearable technology to record exercise or manually input your fitness progress and submit your daily glucose reading. The latter part is omitted for non-diabetic users. Designed with doctors and nurses; the application works with employers and insurance companies to reward users who are able to maintain a healthy lifestyle. A pre-determined algorithm will score the user based on their inputs in these three areas and the score will be sent to insurance companies who are then able to work with employers on discounted insurance premiums. Directed readings and tips will also be provided to users based on their scores in certain areas to help aid in and motivate a healthier lifestyle. | | | | | | | | | | | | |  |
| **2. Project Scope** |  | The project team will design a prototype for a diabetes help application. The start point is the project proposal, the end point being a polished and functional prototype. | | | | | | | | | | | | |  |
| 1. **Project Goal and Deliverables**   The final products of the project include: a functioning and polished prototype, a slide deck presentation of the application, a description of the data model used in the app, a project plan, a financial analysis, and a business model. | | | | |  |  | **Metrics** | | **Baseline** | **Current** | | **Goal** | |  | |
|  | | | | |  |  | **Cost** | |  | **$3 million** | | **$5 million** | |  | |
|  | | | | |  |  | **Time** | |  | **800 Hours** | | **1000 Hours** | |  | |
|  | | | | |  |  | **Customer Satisfaction** | | **60%** | **N/A** | | **90%** | |  | |
| **4. Business Results Expected** | | |  | The team expects to gather multiple partnerships with employers, who will distribute the app to their employees in order to keep them healthy. The employers will pay for the use of our application because they can use the app to lower their healthcare rates, as well as portray a positive and healthy image to the public. | | | | | | | | | | | |  |
| **5. Team members** | | |  | **Project Sponsor:** Bruce Hohne  **Project Team:** Mathew Cotton, Kira Greenlee, Mahfuz Hassan, Veer Patel, Jerrin Raju | | | | | | | | | | | |  |
| **6. Support Required and risks** | | |  | A project mentor will be utilized for a bonus in real-world experience.  Project risks include: loss of a team member, loss of files, misguided project scope, inaccurate time management, lack of experience with Justinmind, and lack of communication. | | | | | | | | | | | |  |
| **7. Customer Benefits** | | |  | Employers will be able to make their employees healthier so that they miss less work, pay less premiums to healthcare providers due to the benefits of the app, and create a positive and healthy image for their company. | | | | | | | | | | | |  |
| **8. Technology Architecture** | | |  | The team will use Justinmind prototyping software to create the prototype for the application. | | | | | | | | | | | |  |
| **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 | | | | | | All team members | | Project charter | | | 9/6/2014 | | 9/29/2014 | | |
| Analysis | | | | | | All team members | |  | | | 9/30/2014 | | 10/12/2014 | | |
| Design | | | | | | All team members | | Outline for prototype | | | 10/15/2014 | | 11/4/2014 | | |
| Implementation: Construction | | | | | | All team members | | Finished Justinmind prototype | | | 10/30/2014 | | 12/1/2014 | | |
| Implementation: Testing | | | | | | All team members | | Revised prototype | | | 12/1/2014 | | 12/1/2014 | | |
| Installation | | | | | | All team members | | Prototype and presentation | | | 12/1/2014 | | 12/8/2014 | | |