**Project Plan**

**Running Champions**

|  |  |
| --- | --- |
| Primary Instructor | Anjana Shah |
| Team Member | Akwasi Himah |
| Team Member | Alan Pintor |
| Team Member | Elder Guerra |
| Team Member | Robert Slezak |

Document Revision History

|  |  |
| --- | --- |
| Revision # | Date |
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**1.** **Executive Summary**

The following describes the project to be executed:

|  |  |
| --- | --- |
| Objective | Motivate people by creating competitions where teams compete against other teams and rewording the winners in our mobile application |
| Corporate Goals Addressed | The top goal of our project is to establish a mobile application capable of motivating users to exercise by competing against other teams, handle payments from registering for the competitions, and handle distributing payments to the winners. |
| Planned Start Date | Monday September 23, 2019 |
| Planned End Date | Friday March 27, 2020 |

**2. Project Approvers, Reviews and Distribution List**

|  |  |  |  |
| --- | --- | --- | --- |
| Project Role | Name | E-mail | Date |
| Team Member | Akwasi Himah | [akwasi.himah@georgebrown.ca](mailto:akwasi.himah@georgebrown.ca) | Oct 4, 2019 |
| Team Member | Alan Pintor | [jaime.pintortejeda@georgebrown.ca](mailto:jaime.pintortejeda@georgebrown.ca) | Sept 23, 2019 |
| Team Member | Elder Guerra | [eldernobregaguerra.filho@georgebrown.ca](mailto:eldernobregaguerra.filho@georgebrown.ca) | Oct 7, 2019 |
| Team Member | Robert Slezak | [robert.slezak@georgebrown.ca](mailto:robert.slezak@georgebrown.ca) | Oct 7, 2019 |

**3. Scope**

Define the sum total of all of its products and their requirements or features:

|  |  |
| --- | --- |
| In Scope | Out of Scope |
| Android/iOS application | Use of smart bands (smart watches, fitbit) |
| Managing user accounts |  |
| Handling payments |  |
| Remote database storage |  |

**4. Deliverables**

This project will deliver the following:

|  |  |
| --- | --- |
| Deliverable | Description |
| A competitive environment | Signing up with your friends to our events. Compete against other teams around the world to determine the best team and the winner of that event. |
| Incentives | Compete with your friends and family to provide motivation to perform. Earn cash prizes in events by beating other teams. |
| Active Lifestyle | Creating a very healthy and friendly environment to help boost our user's personal health care. Providing events which help increase and keep our users active in their daily activities. |

**5. Assumptions**

This project makes the following assumptions:

1. All team members will be available to complete their tasks on time.
2. We are assuming the app user interface is intuitive enough for the user to understand not requiring a tutorial on how to use the app.

**6. Dependencies**

The following are the internal and external dependencies that will have to be acknowledged and addressed:

|  |  |
| --- | --- |
| **Internal Dependencies** | **External Dependencies** |
| Use of phone’s GPS tracking | External payments processed by PayPal |
|  | Available cloud database hosting |

**7. Risk Management**

|  |  |  |  |
| --- | --- | --- | --- |
| Potential Risk | Severity (H/M/L) | Likelihood (H/M/L) | Management Strategy |
| Transaction Process Security | H | M | Work with PayPal or other third-party companies that are advanced in dealing with online payment method to avoid any issues in the future |
| Account Management Security | H | L | By using encryption in our data management system.  Adding two-step verification method to help prevent any breach into our user’s account |
| Data Loss and Data Recovery | H | M | Adopting and implementation of synchronising the local database with the server to prevent data loss |

**8. Communication**

**Reporting**

The following reports will be produced:

|  |  |  |
| --- | --- | --- |
| Report | Audience | Frequency |
| Project Plan and Team Charter | Anjana Shah | Once |

**Meetings**

The following meetings/communication will be established:

|  |  |  |  |
| --- | --- | --- | --- |
| Meeting | Purpose | Attendees | Frequency |
| Fridays from 2 pm to 4 pm | Go over required tasks for that week. Delegate tasks among team members. | Akwasi Himah, Alan Pintor,  Elder Guerra, Robert Slezak | Weekly |

**9. Task Listing (WBS- Work Breakdown Structure)**

The following resource proposal template summarizes the resource hours committed to this project, upon final approval of this document:

|  |  |  |  |
| --- | --- | --- | --- |
| Reference | Tasks | Duration | Dependency |
| A | Register | 5 days |  |
| B | Login | 4 days | A |
| C | Logout | 3 days | B |
| D | View Profile with overall personal statistics | 5 days | B |
| E | Track statistics from a run | 7 days | D |
| F | View historical statistics | 5 days | E |
| G | Create/Register team for a competition | 6 days | F |
| H | Join a team for a competition | 10 days | G |
| I | Deregister from a team/competition | 4 days | H |
| J | View/Track competitions | 5 days | G |
| K | Search competitions | 4 days | J |
| L | Pay entrance fee | 7 days | K |
| M | Refund entrance fee | 5 days | L |
| N | Create competitions | 6 days | J |
| O | Cancel a competition | 4 days | N |
| P | Share competitions (Social media/email) | 8 days | N |
| Q | Share progress/achievements via social media | 6 days | P |

**10. Gantt Chart**

See external file (T06\_Gantt Chart.pdf)

**11. Milestones**

|  |  |  |
| --- | --- | --- |
| Major Activity or Milestone | Estimated Milestone Target date | Owner/Reviewer Team Members |
| Sprint 1 | Sept 30, 2019 | Akwasi Himah, Alan Pintor,  Elder Guerra, Robert Slezak |
| Sprint 2 | Oct 7, 2019 | Akwasi Himah, Alan Pintor,  Elder Guerra, Robert Slezak |

**12. RAM – Responsibility Assignment Matrix**

Create a RAM from your Task Listing:

(R) Responsible - Who is completing the task.

(A) Accountable - Who is making decisions and taking actions on the    task(s)

(C) Consulted - Who will be communicated with regarding decisions and tasks.

(I) Informed - Who will be updated on decisions and actions during the project.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Task Name** | **Akwasi** | **Robert** | **Elder** | **Alan** |
| Register | R, A | C, I | C, I | C, I |
| Login | C, I | R, A | C, I | C, I |
| Logout | C, I | C, I | R, A | C, I |
| View Profile with overall personal statistics | C, I | C, I | C, I | R, A |
| Track statistics from a run | C, I | C, I | C, I | R, A |
| View history of statistics | R, A | C, I | R, A | C, I |
| Create/Register team for a competition | R, A | C, I | C, I | R, A |
| Join a team for a competition | R, A | R, A | C, I | C, I |
| Deregister from a team/competition | C, I | C, I | R, A | C, I |
| View/Track competitions | R, A | C, I | C, I | C, I |
| Search competitions | C, I | C, I | C, I | R, A |
| Pay entrance fee | C, I | R, A | C, I | C, I |

**13. Approval**

The signatures below indicate their approval of the contents of this document.

|  |  |  |  |
| --- | --- | --- | --- |
| Project Role | Name | Signature | Date |
| Team Member | Akwasi Himah | Approved | Jan 19, 2020 |
| Team Member | Alan Pintor | Approved | Jan 19, 2020 |
| Team Member | Elder Guerra | Approved | Jan 19, 2020 |
| Team Member | Robert Slezak | Approved | Jan 19, 2020 |