Michael Walker

CSC 260

Project Plan

**Problem Statement**

**Problem statement:** Sports and gaming fans do not have a legitimate means of tracking their tournaments for games such as 3v3 basketball, Cornhole, and Beer Pong (for legal aged athletes of course). This issue is emphasized even more during times of national crisis, such as the COVID-19 pandemic. I am proposing a tool that will launch a tracker for single elimination tournaments.

**Proposed solution:** Create a Windows-forms application that will build a tournament, schedule matches, track single elimination of players/teams, and track outcomes to determine the winner.

**Approximate timeframe:** March 2nd – May 5th, 2020

**Estimate of resources:** Developer time from one developer 5-10 hours a week for about 5 weeks, acquisition of developers’ tools.

**Approval Authority:** Jason Jenkins

**Project Plan**

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| **Task Name** | **Estimate** | **Start Date** | **Task Owner** |
| Project Proposal | 1 days | 3/29/2020 | Mike Walker |
| Get Project Approved | 3 days | 4/1/2020 | Jason Jenkins |
| Data Design | 1 days | 4/2/2020 | Mike Walker |
| User Interface Design | 1 days | 4/3/2020 | Mike Walker |
| Class Library Creation | 1 days | 4/6/2020 | Mike Walker |
| Form Building | 1 days | 4/7/2020 | Mike Walker |
| SQL Database Design | 1 days | 4/8/2020 | Mike Walker |
| Prize Form Wire-Up | 1 days | 4/9/2020 | Mike Walker |
| SQL Connection | 1 days | 4/10/2020 | Mike Walker |
| Text Connection | 1 days | 4/13/2020 | Mike Walker |
| Create Team Form | 2 days | 4/14/2020 | Mike Walker |
| Create Tourney Form Pt 1 | 2 days | 4/16/2020 | Mike Walker |
| Create Tourney Form Pt 2 | 2 days | 4/20/2020 | Mike Walker |
| Debugging | 1 days | 4/22/2020 | Mike Walker |
| Dashboard Form | 1 days | 4/23/2020 | Mike Walker |
| Tourney Viewer | 2 days | 4/27/2020 | Mike Walker |
| Refactoring | 1 days | 4/29/2020 | Mike Walker |
| Error Handling | 1 days | 4/30/2020 | Mike Walker |
| Email Users Code | 1 days | 5/1/2020 | Mike Walker |
| Wrapping Up | 1 day | 5/4/2020 | Mike Walker |
| Submit Program | 0 days | 5/5/2020 | Mike Walker |