**Statement of Work (v1.1)**

Statusphere

CEN 5016

Spring 2017

**Purpose and Scope**

The team will be developing a system, Statusphere, for providing select social media *Influencers* with advertising opportunities; this entails: building a front-end, both a web portal and a mobile app, for influencers to select advertising *packages*; building a front-end for administrative tasks (such as accepting new influencers and adding new advertising packages); building a back-end for storing both influencer and advertiser package information; and, developing an automated acceptance system for selecting influencers.

The project owner is Kristen Wiley.

**Period of Performance:** The Spring 2017 Semester.

**Delivery Schedule:** The project will be fully implemented and delivered by Thursday, April 27, 2017; incremental portions of the project will be delivered every 14 days, starting on Thursday, February 2, 2017; the schedule is as follows (major milestones are bolded):

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| **Deliverable** | **Additional Details** | **Delivery Date** |
| Statement of Work |  | Jan. 26 |
| Initial Requirements Elicitation |  | Jan. 27 |
| Initial Requirements Validation | Priority of requirements was determined. Begin 1st sprint. | Feb. 2 |
| Project Management Plan |  | Feb. 9 |
| Software Requirements Specification / High-level Design Review /  **Milestone: mock interface prototypes** | Begin low-level/component design and development. Being 2nd sprint. **Present mock *Influencer* interface prototypes.** | Feb. 16 |
| Software Design Description / Low-level Design Review | Begin component development. Begin 3rd sprint. | Mar 2. |
| Peer Review Evaluations |  | Mar. 9 |
| Progress Review /  **Milestone: partially-functional prototypes** | Begin 4th sprint. **Present (partially-functional) *Influencer* interface prototypes.** | Mar. 16 |
| Software Test Plan |  | Mar. 21 |
| Progress Review | Begin 5th sprint. **Present functional system prototype.** | Mar. 30 |
| Progress Review | Begin final sprint; freeze requirements. | Apr. 13 |
| Software Acceptance Test |  | Apr. 20 |

**Acceptance Criteria:** The product will be accepted if it is able to assist in the handling of applicant users; maintain and adequately display available packages to users; facilitate the selection of packages by users – including the tracking of available quantity of packages; facilitate the creation of packages for users to view and select; and, assist in the tracking of package completion. Additionally, the aesthetic quality and ease-of-use of the system must be determined to be adequate by the project owner.

**The Team**

The team consists of 16 individuals, including one project manager; the team will split into 2 sub-teams. The front-end development team will be responsible for the design, implementation, and component testing of all front-end components; the back-end team will be responsible for the respective back-end components; integration testing will be carried out by members of both teams.

**Project Manager:** Brandon Jones

**Statusphere Front-end Development Team:**

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| Amith Lakshmisha | Arpitha Rajanna |
| Sukmin Kim | Leena Jawale |
| Sathya Narayanan Amarnath | Pavitra Shivanand Hiremath |
| Pooja Shivashankar | Nithyashree Kempegowda |
| Swathi Kanthareddy Sumithra |  |

**Statusphere Back-end Development Team:**

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| Nishant Sahni | Somnath Saha |
| Atul John | Gaurav Kataria |
| Soham Ganguly | Xuejiao Yang |