**Stakeholder Analysis**

**NASA EVA Gamification**

**Phase 2**

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## **Revision Table**

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| --- | --- | --- | --- |
| **Version #** | **Change Description** | **Author** | **Date** |
| 1.0 | Initial Release | Charles Milk | 6/10/2018 |
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|  |  |  |  |

## **Project Purpose**

The purpose of this document is to identify the stakeholders in the NASA EVA Gamification - Phase 2 Project, their roles, the attitudes of the primary customer stakeholders toward the project, their needs, their expectations and the best way to communicate with them.

## **Stakeholder Register**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Stakeholder Name | Title | Project Role | Contact Info | Notes |
| Extra-Vehicular Activity (EVA) Johnson Space Center NASA |  | Sponsor |  |  |
| Daren Welsh | EVA Instructor & Flight Controller | Liaison | darenwelsh@gmail.com |  |
| Dr. Michael Brown | Professor | Professor | Michael.brown@umuc.edu |  |
| Laura Addiego | Summer 2018 Team | Database Lead | lapfama@yahoo.com  lapfama@gmail.com |  |
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| Adeola Odusola | Summer 2018 Team | Documentation Lead | aooakanoo@gmail.com |  |
| Hung Pham | Summer 2018 Team | Development Lead | pnhungvn@yahoo.com |  |

## **Stakeholder Analysis**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Stakeholder Name | Internal / External | Unaware, Resistant, Neutral, Supportive, or Leading? | Level of Influence (1-5 with 5 being the lowest) | Ability to Impact Resources (1-5 with 5 being the lowest) |
| Daren Welsh | External | Supportive | 1 | 5 |
| Dr. Michael Brown | Internal | Supportive | 1 | 1 |

## **Stakeholder Inquiry**

### **Daren Welsh**

* What does this stakeholder need?
  + Daren needs to have a MediaWiki extension that is upgraded to include infrastructure modules to allow definition of personality traits, game characteristics and display of leaderboards.
* What expectations does this stakeholder have?
  + A few gamification elements will be added to this extension such as badges, points and a leader board.
  + This extension should work with any MediaWiki installation.
  + Gamification should increase user participation and contribution.
* What is this stakeholder’s greatest concern?
  + Most users will not care about points and badges, hence raises the concern of usability of gamification features.
* What is needed from this stakeholder?
  + Background information
* What is the risk if this stakeholder is not engaged?
  + Project failure
* Should we monitor, keep informed, keep satisfied, or manage closely?
  + Keep satisfied
* Describe the communication strategy (include the methods and frequency)
  + Daren will be contacted by email as questions arise.
* What information should be distributed to this stakeholder and what concerns should be addressed? How and when?
  + Daren should be given the initial requirements document for approval, followed up with new releases at each milestone.
  + Daren should be given all deliverable documents and code at the end of the project.
* What are the most important times/phases for engaging this stakeholder and how should this stakeholder be engaged
  + The most important phase for engaging with Daren Welsh is during initial development and requirement solicitation. This contact should be performed via email.
* Who is the person responsible for performing the activities described above?
  + Charles Milk will be the main Point of Contact (POC) with Daren Welsh

### **Dr. Michael Brown**

* What does this stakeholder need?
  + A complete Project Plan
* What expectations does this stakeholder have?
  + Dr. Brown expects that the team will set achievable goals and meet them as defined in the Project Management Plan
* What is this stakeholder’s greatest concern?
  + That the team will not meet the goals they set for themselves.
* What is needed from this stakeholder?
  + General direction and guidance when needed.
* What is the risk if this stakeholder is not engaged?
  + Poor grades
* Should we monitor, keep informed, keep satisfied, or management closely?
  + Keep informed
* Describe the communication strategy (include the methods and frequency)
  + Dr. Brown will be communicated with via email as needed.
* What information should be distributed to this stakeholder and what concerns should be address? How and when?
  + Dr. Brown should receive all code and deliverable documents via email at the end of the project.
* What are the most important times/phases for engaging this stakeholder and how should this stakeholder be engaged
  + The most important time for engaging with Dr. Brown is at the beginning of the project. This contact should be performed via review of the videos he has prepared and via email as needed.
* Who is the person responsible for performing the activities described above?
  + Charles Milk will be the main POC with Dr. Brown, but all members will communicate with him as necessary.