**USER STORIES**

**By Requirements Engineer**

**Eddie Pagan**

**Table of Contents**

**Executive Summary……………………………………………………………………………………………………………………………………………2**

**Problem Statement……………………………………………………………………………………………………………………………………….……2**

**User Stories…………………………………………………………………………………………………………………………………………………………2**

**Functional Requirements…………………………………………………………………………………………………………………………………….5**

**EXECUTIVE SUMMARY:**

The purpose of this document is to list our Extreme Programming User Stories. The User Stories are to be shared with the client to verify that we understand what the client wants and offer the client the opportunity for additional insight so that we can better serve our valuable Client. This document also includes the Problem Statement that inspired the system and requirements. The User Stories are based on a letter exchange and requirements presumed from these letters and problem statement. The requirements are included to verify the User Stories.

**PROBLEM STATEMENT:**

Our client wants to understand the issues that their students, faculty, staff and alumni have with the operation of the University. Enrollment is down, faculty and staff attrition is high and alumni donations are down. The University Computer Science Department Online Suggestion System allows for the University administration to understand these issues by gathering information from concerned students, faculty, staff and alumni via a social media outlet.

**USER STORIES:**

|  |
| --- |
| **ADMINISTRATOR USER STORY** |
| **AS a:** |
| Administrator |
|  |
| **I want to:** |
| receive all suggestions/solutions |
|  |
| **So that:** |
| I can approve or disapprove suggestions/solutions. |
|  |
| **Acceptance Criteria:** |
| The suggestions must be filtered and not display the words: shit, piss, fuck, cunt, cocksucker, motherfucker and tits. And disapproved suggestions shall be deleted from the system. Approved suggestions shall be posted. |

|  |
| --- |
| **CLIENT USER STORY 001** |
| **AS a:** |
| Client |
|  |
| **I want to:** |
| a separate authentication system |
|  |
| **So that:** |
| This can be a public site to post suggestions, comments and solutions. |
|  |
| **Acceptance Criteria:** |
| The site is for faculty, staff, undergraduate students, graduate students, alumni and visitors. They need a relevant email address to use the site and either make suggestions, comments and flag as agree or disagree. The site should also allow for them to offer solutions, as an alternative to suggestions. Anybody can see/read the site content. |
|  |

|  |
| --- |
| **CLIENT USER STORY 002** |
| **AS a:** |
| Client |
|  |
| **I want to:** |
| See categories/user roles |
|  |
| **So that:** |
| We can organize suggestions and solutions by user roles. |
|  |
| **Acceptance Criteria:** |
| The user roles are faculty, staff, undergraduate students, graduate students, alumni and visitors. And the categories should be faculty, staff, undergraduate students, graduate students, alumni and visitors (see #16 on letter2). |

|  |
| --- |
| **REGISTRATION USER STORY** |
| **AS a:** |
| USER |
|  |
| **I want to:** |
| register |
|  |
| **So that:** |
| I can post suggestions, solutions, comment or agree/disagree with suggestions/solutions. |
|  |
| **Acceptance Criteria:** |
| The user must be tied to a relevant email address. The system shall allow users to display their names and user roles on each suggestion or allow the user to post anonymously. The system shall allow users to rate suggestions with agree or disagree. The system shall allow users to comment on suggestions and provide solutions to suggestions. |

|  |
| --- |
| **CATEGORY USER STORY** |
| **AS a:** |
| Client |
|  |
| **I want to:** |
| See categories/user roles |
|  |
| **So that:** |
| We can organize suggestions and solutions by user roles. |
|  |
| **Acceptance Criteria:** |
| The user role categories shall have sub categories to be determined. |

|  |
| --- |
| **SUBMIT SUGGESTION/SOLUTION USER STORY** |
| **AS a:** |
| Client |
|  |
| **I want to:** |
| A form |
|  |
| **So that:** |
| We can submit suggestions, solutions or comments. |
|  |
| **Acceptance Criteria:** |
| The system shall provide a form with a submit button and the characters in the form should be limited to a reasonable amount of characters that allow for long suggestions but that do not pose an unnecessary security risk to the system. |

|  |
| --- |
| **VIEWING SITE CONTENT USER STORY** |
| **AS a:** |
| Site visitor |
|  |
| **I want to:** |
| See all posted content and ratings. |
|  |
| **So that:** |
| We can read it. |
|  |
| **Acceptance Criteria:** |
| The system shall allow users and visitors to read all suggestions and comments. The system shall have a new suggestion on a new page. The system shall list comments under each suggestion. |

|  |
| --- |
| **SEARCH USER STORY** |
| **AS a:** |
| Client |
|  |
| **I want to:** |
| Search suggestions |
|  |
| **So that:** |
| I can find stuff. |
|  |
| **Acceptance Criteria:** |
| The system shall allow for search of suggestions and comments. |

|  |
| --- |
| **CLIENT USER STORY 003** |
| **AS a:** |
| Client |
|  |
| **I want to:** |
| To see a report |
|  |
| **So that:** |
| I can keep track of successful suggestions, obscene suggestions |
|  |
| **Acceptance Criteria:** |
| I want to see a report that shows how many suggestions were successful, how many were obscene and I want a section on the site to highlight successful suggestions. A successful suggestion is a suggestion that was implemented by the University. |
|  |

**FUNCTIONAL REQUIREMENTS:**

1. The system shall have a separate authentication system.
2. The system shall allow for the following user roles: faculty, staff, undergraduate student, graduate student, alumni and visitors.
3. The system shall prevent the following words from being displayed: shit, piss, fuck, cunt, cocksucker, motherfucker and tits.
4. The system shall allow the administrator to review and approve or disapprove suggestions.
5. The system shall post the administrators approved suggestions, disapproved suggestions shall be deleted from the system.
6. The system shall be a separate, public site.
7. The system shall have categories of for each user role; the categories of faculty, staff, undergraduate student, graduate student, alumni and visitors.
8. The system shall have a role tied to a relevant email address.
9. The system shall have sub categories in each of the following roles: faculty, staff, undergraduate student, graduate student, alumni and visitors.
10. The system shall allow users to display their names and user roles on each suggestion.
11. The system shall allow users the option to post suggestions anonymously.
12. The system shall allow users to rate suggestions with agree or disagree.
13. The system shall allow users to comment on suggestions and provide solutions to suggestions.
14. The system shall have a form users can access to submit information.
15. The system shall allow users to create new suggestions to be posted.
16. The system shall allow users and visitors to read all suggestions and comments.
17. The system shall allow users to comment on comments.
18. The system shall have a new suggestion on a new page.
19. The system shall list comments under each suggestion.
20. The system shall have subject categories for suggestions.
21. The system shall allow for search of suggestions and comments.