ITECH3208 - Project 1:



# **Fednews Webpage Upgrades**

Alexander Langdon - 30297113

Kevin Garcia - 30315566

Ben James - 30331986

Michael Dickenson - 30331949

Sunil Kumar -30311976

**Product Backlog**

31 March 2019

# **Fednews Webpage Upgrades**

# Definitions

|  |  |
| --- | --- |
| **Agile development** | The Agile Method is a particular approach to project management that is utilized in software development. |
| **AJAX** | Asynchronous JavaScript And XML is a web programming technique in JavaScript that enables a portion(s) of a web page to be reloaded from the server without the whole page being reloaded |
| **CSS** | Cascading style sheet  While HTML defines the structure of the content on a webpage css define the style |
| **HTML** | This programming language is the building block of websites. |
| **HTTP** | Hypertext Transfer Protocol (Secure) is a secured version of HTTP used by many websites handling personal information |
| **Javascript** | A programming language used to add dynamic functionality to static (HTML) webpages. |
| **PHP** | PHP is a general-purpose programming language originally designed for web development. |
| **RSS Feed** | RSS (Really Simple Syndication) feed allows users to subscribe to news updates . |
| **US (user story) an acronym used in the backlog** | A user story is a tool used in Agile software development to capture a description of a software feature from an end-user perspective. |

# User Roles

|  |  |
| --- | --- |
| **Staffs** | Federation University staffs who are allowed to create news and read other news on the site |
| **Student** | Federation University students who are allowed to create news and read other news on the site |
| **System Administrator** | In charged with installing, supporting, and maintaining servers or other computer systems. Grant access to users and filters news that is posted. |

# Product Backlog Items

|  |  |  |
| --- | --- | --- |
| **Requirement** | **Condition to target Success criteria** | **Priority** |
| **US1. View news** | |  |
| As student or Staff,  I want to view news related to the University | * Being able to view news that involve the University. * Easily access different articles and being able to read it clearly. * Filter by campus. | 1 |
| **US2. User Submissions** | |  |
| As student or staff,  I want to submit an article to be published to acknowledge viewers with information. | * Student and staff are able to submit articles. | 1 |
| **US3. Emergency Notification** | |  |
| As staff or student,  I want to see Emergency news without needing to log into the website. | * Emergency news is immediately shown to user upon publishing through emergency notifications * Emergency news is more noticeable on the site | 1 |
| **US4. Article Modification** | |  |
| As staff or student,  I want to be able to edit articles, and attachments after publishing the article previously. | * User is able to edit article text * User is able to add/remove attachments * Changes are approved by an administrator | 2 |
| **US5. RSS restriction** | |  |
| As staff,  I would like the RSS feed to be only accessible by staff members. Students should not have access to staff informations. | * The RSS Feed should only be accessible by staff members, * Increase security for RSS feeds * Fix defects involved with RSS feeds | 1 |
| **US6. Posting news article** | |  |
| As an administrator,  I want to be able to approve any posts before they are published to the site. | * Must be logged into system * Staff and student articles must be approved by administrator for publishing or updates * Administrator is updated when an attempt is being made to publish an article | 2 |
| **US7. Staff News Category** | |  |
| As staff,  I want to be able to view staff-specific articles. | * Staff news is not visible to the public * Staff news is not visible to non-staff accounts * This also needs to be sent out as an email every weekday. | 2 |
| **US8. Archiving Old News Articles** | |  |
| As staff or student,  I want to be able to view archived news articles in a separate place. | * Old articles should be archived after a certain time * Users should be provided with recent, relevant articles through new update such as slideshow. | 3 |
| **US9. Submission Language Filter** | |  |
| As an administrator,  I want the articles submitted to me to have passed a language-filter. | * Articles are filtered once uploaded. * If it offensive or “unprofessional” language is found, the article will be rejected, or marked for the administrator | 2 |
| **US10. Layout Design Improvements** | |  |
| As Student or Staff,  I want the web page to be for appealing to make me feel excited and interested to the viewing articles. | * FedNews is displayed in a more appealing way * Front page has a slideshow of the 5 top articles of the day/week/month * The article list is changed to be more appealing, whilst remaining functional | 1 |
| **US11. Add comment section** | |  |
| As Staff or Student,  I want to be able to share some short feedback on articles. | * Users able to post comments below articles. * Comments available to be read under an article. * Must be moderated by admin | 2 |
| **US12. System Outage** | | |
| As an admin,  I want to be able to be able to create ITS alert for system outage. | * Only admin users * In the email, they specify an email of the person approving it to be sent out to all staff and students * May need more detail | 2 |
| **US13. Social Media Integration** | | |
| As a Staff, Student or Admin,  I want to be able to share article, comment, etc using social media |  | 2 |
| **US14. New Locations** | | |
| As an Admin,  I want to be able to add locations (campuses) for news |  | 3 |
| US14 | | |
| **US15:** As student or staff, I want the web pages functionality and system to be more user friendly and easily accessed. |  | ` |