

**Sprint 5 Documentation**

Fednews Webpage Upgrades

(Team FedNews)

Alexander Langdon - 30297113

Ben James - 30331986

Kevin Garcia - 30315566

Michael Dickenson - 30331949

Sunil Kumar -30311976

DUE DATE: October 27th 2019

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# 1. Theme: The Final Sprint

The conclusion of sprint four found the website containing the core pages, functioning well and bug-tested. The theme for sprint five is the ‘final sprint’, and the plan is to continue extending the website to include as many of the client’s non-core functionalities as possible. This is a matter of developing those designs and functionalities, and making sure they are implemented and integrated into existing code-base. This is also our final chance to catch any bugs before handing over to the client. Completing this sprint well is crucial because we are required to ensure that the FedNews site meets standard website expectations in general, and the expectations of the client in general. The desired result of this sprint is that we would be ready to hand this project over to our client at the end of it.

To begin this process, the team sat down and discussed the methods and techniques best suited to overcome any bugs within the current prototype version. Time was also spent developing non-core functionalities. We split our team into two sub teams to enhance the ability to complete the work in a professional manner, one team worked on the design of those functionalities, and another team worked to implement those designs into the code-base.

Wishlist for this sprint:

* To integrate all the remaining backlog functionalities into the website.
* To provide new design layouts and javascript functions when compared to the current existing website.
* To be able to have a presentable and fully-operational website for the client.
* Finally the ability to successfully hand over the website and database to the client without any difficulties.

# 2. Incoming Product Backlog

This section presents the complete Product Backlog as it stands at the beginning of this sprint.

There are two types of tasks:

* Non-functional: requirements that specifies criteria that can be used to judge the operation of a system in particular conditions, rather than specific behaviors.
* Functional: requirements which are related to the technical functionality of the system.

Items are assigned a priority. Higher numbers are more important. These priorities were decided based on input from the client, and the team’s discretion.

## 2.1 Non-functional Tasks

|  |  |  |
| --- | --- | --- |
| **Task** | **Detail** | **Priority** |
| **-** | There are no non-functional sprint tasks in the incoming product backlog | - |

## 2.2 Functional Tasks (User Stories)

|  |  |  |
| --- | --- | --- |
| **User Story** | **Details** | **Priority** |
| **US2. User Submissions** | As a student or staff, I want to submit an article to be published to acknowledge viewers with information. | 3 |
| **US3. Emergency Notification/Alert** | As staff or student, I want to see Emergency news without needing to log into the website. | 1 |
| **US4. Article Modification** | As staff or student, I want to be able to edit articles, and attachments after publishing them | 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 information. | 1 |
| **US6. Posting news article approval** | As an administrator, I want to be able to approve any posts before they are published to the site. | 3 |
| **US7. Staff News Category** | As staff, I want to be able to view staff-specific articles. | 2 |
| **US8. Archiving Old News Articles** | As staff or student,I want to be able to view archived news articles in a separate place. | 1 |
| **US11. Add comment section** | As Staff or Student, I want to be able to share some short feedback on articles. | 1 |
| **US12. System Outage** | As an admin, I want to be able to create ITS alert for system outage. | 2 |
| **US18. Article Voting** | As staff or student, I want the article to have votes on the quality. Up and down votes. | 2 |

# 3. Sprint Backlog

The Sprint Backlog was created in the team meeting held to plan the Sprint, where the theme of this sprint was decided to be the ‘Final Sprint’ and user stories were divided between team members.

As this is our final sprint, all of the Incoming Product Backlog was included in the Sprint Backlog.

## 3.1 Task Management

Tasks were assigned to team members based on member skills, priority and story-point estimates.

Story-point estimates were based on the US18, which was defined as a single (1) Story Point.

Some members were given higher work-loads, based on their speed of work, and others were assigned to write documentation, which is not reflected in the sprint backlog.

Members were responsible for working to complete their assigned items in the order that made sense for them, based on priority and collaborating with other team members.

For the most-part, Mike and Ben were our main developers, who did the majority of the coding. The other team members were given design and supporting roles where they could, as well as documentation writing. This resulted in each member having an input in the project objectives and management.

## 3.2 Sprint Backlog Items

### 3.2.1 Non-functional Tasks

|  |  |  |
| --- | --- | --- |
| **Task** | **Conditions of Satisfaction** | **Priority** |
| - | There are no non-functional sprint tasks in the sprint backlog | - |

### 3.2.2 Functional Tasks (User Stories)

|  |  |  |  |
| --- | --- | --- | --- |
| **User Story** | **Conditions of Satisfaction** | **Team Members** | **Story Points** |
| **US2. User Submissions** | * Students, staff and admins can submit an article * Articles are shown on home/staff/student pages based on their designations | SMB | 7 |
| **US3. Emergency Notification/Alert** | * Emergency news is displayed prominently on the home page, so that users are able to see it easily | AKSMB | 2 |
| **US4. Article Modification** | * Edit button shown on articles * Edit button allows user to edit their article | B | 2 |
| **US5. RSS restriction** | * RSS channels accessible only by authorised users * Page visually shows what user can subscribe to | KASM | 4 |
| **US6. Posting news article approval** | * Admin can see articles pending review * Admin can review articles before they are posted | MB | 1 |
| **US7. Staff News Category** | * Staff have their own page for viewing staff specific news | MB | 3 |
| **US8. Archiving Old News Articles** | * Administrator view that shows all articles, their age/time lived since publication and whether or not they have been archived | SMB | 5 |
| **US11. Add comment section** | * A comment section has been added to each article in a convenient location related to the article | KAMB | 3 |
| **US12. System Outage** | * Alerting is available to let users know of system outages/maintenance | SMB | 3 |
| **US18. Article Voting** | * Incorporation of the up and down vote system for each article | B | 1 |

\* Colours represent priorities as shown in “2.2 Function Tasks (User Stories)”  
\* Team members are represented as the first letter of their name: Alex (A), Ben (B), Kevin (K), Michael (M), Sunil (S)

# 4. Review Meeting Minutes

|  |  |
| --- | --- |
| **Client Meeting Information** | |
| Date (Time) | 24/10/2019 (13:00) |
| Attendees | Aaron Maskell, Kevin Garcia, Alex Langdon |
| Minutes Taken by | Alex Langdon |
| Venue | S001G |
| Meeting Overview | This meeting was to address our final website design and completing all the relevant functionalities to ensure we satisfy the client’s requirements before the hand-over date. The client was more than happy to provide us with constructive feedback.  The client strongly advised us to stay within the proposed initial scope as there have been con-current updates to the existing website by the ITS team throughout this sprint.  The design layout was addressed due to a poor color scheme and the use of white space making the contents congested throughout the certain web-pages.  Unfortunately, the team could not present the full potential of the website’s operations due to the database being stored on a local repository (this is due to errors occurring when transferring the database from the local repository to a new repository).  Mr.Maskell was happy with our progress and awaits the final hand-over, due to minimal functionality bugs that needs to be resolved. |
| Items Discussed | * The errors we encountered when transferring the database from a local repository to another, as the current one is located in Tasmania. * Ideas on how to change the design from being congested to a more spaced out design. * The updates being made to the existing website by the ITS team which is impacting us on how we relate back to the previous website which our project scope was based off, making it difficult to recall on small details. * The relevancy of certain web-pages that could be removed or enhanced. * The RSS feed page updates and management function. |
| **Key Points** of Client Feedback | The client is expecting a functional website with a new design approach to presenting contents. The client is happy with the different methods of categorizing, managing and displaying of contents. He appreciates the integrity of the initial scope the team proposed for this project, even though the existing website has changed throughout the previous sprints..   * The client is interested in the proposal of the events page having a calendar with live events. (Similar to the one on the moodle shell). * Mr.Maskell elaborated that the success requirement for the final website is to be a fully operational website with basic functionality with a more appealing design scheme. * The client is happy with the design approach which just requires resolving white space issues. |

# 5. Retrospective Meeting Minutes

|  |  |
| --- | --- |
| **Team Meeting Information** | |
| Date (Time) | 21/10/2019 (12:00) |
| Attendees | Alex Langdon, Kevin Garcia, Sunil Kumar and Ben James (Discord) |
| Minutes Taken By | Alex Langdon |
| Venue | S001E + Discord |
| Items Discussed | **Item 1:** What went well?   * Ideas and knowledge applied to fixing and organising the HTML pages layout * Discussion of methods in how to overcome the errors of transferring the database from the local repository to another repository. * Understanding and applying the php Database to the webpage * Ideas for the ability to professionally provide the handover in appropriate format with user installation manual. * Discussing feedback from sprint 4 due to poor marks.   **Item 2:** What could be improved?   * In depth details in our sprint documentation to improve on where we lacked depth of detail and also to display a better understanding of what processes have been conducted throughout the sprint. * Communication between members and their sub teams to ensure all tasks are on track and heading for the correct milestones at the required times. * Team members being considerate of each other's internal workload and external workload. * Product owner being more attentive and initiative to keep the teams productivity up. * Scrum master facilitating information obtained from the product owner and client to the team more frequently and detailed * A more harmonious team work space.   **Item 3**: What can we do?   * Prioritize sprint work and documentation to ensure all the success criteria has been checked off. * Ensure division of labour is communicated throughout the team appropriately which then reduces the replication of work. * Both Product Owner and Scrum Master should reevaluate their roles and responsibilities to ensure they’re displaying the correct values of their roles. * Recommended tools for the management of data and information should be integrated fully instead of partially which may cause the redundancy of files and data.   **Item 4:** What is not in our control?   * Members are working around workloads from other classes which limits the time we can spend on the project (This doesn’t mean we don’t contribute, it means we can only put a limited amount of time we can put into the project ensuring we have time for other classes) |

# 6. Statement of Progress

After completing the sprint 3 and 4. Whole team was focused on sprint 5. Getting the feedback on the sprint 3 and 4 really helped pursue with sprint 5, All the guidelines and instructions were taken into consideration and avoided the major mistakes made on the sprint 3 and 4 . The Sprint 5 surpassed expectations with all the requirements and task covered with complete success keeping the client feedback and expectations into consideration. The overall structural and working model of the whole project has been created and the overall layout and design was improved from the previous sprint.

There have been various sprints involved until now to accomplish the project. So based on the previous and the current sprint everyone has contributed equally towards the goal, the current sprint has many tasks which has the highly importance towards completing the project based on the various tasks that have been divided.

The database, functionality and design scheme that was covered during this sprint is more operable and more attractive which provide that professional essence of FedUni. The new backlog features have been added with covering all the requirements and completing the product, a few errors have to be resolved before the client hand-over date.

The Advanced, dynamic and professional layout has the following features and changes and some of the following features and more not detailed.

* Adding a calendar feature to the events page to make the dates with events more visual and easy to identify when they’ll occur from the current date of the user.
* Facebook article sharing and login and other articles and news function needs to resolved.

The communication channels and other tools remains the same such as Discord allowing to communicate and Facebook , google drive and organize the project easily and effectively. The new app InVision has acted as the success full tool for the sprint 5 for demonstration of the work. All the meetings and online student contribution through communication channel has made and everyone has given the contribution and has shown progress in the sprint 5 and has acted more appealing and better than sprint 4 and various new learning and knowledge has been gained and shared by each other and each team member progress has acted as a critical success factor.

# 7. Outgoing Product Backlog

This is the outgoing product backlog, which in this case simply details the tasks

## 7.1 Non-functional Tasks

|  |  |  |
| --- | --- | --- |
| **Task** | **Detail** | **Priority** |
| - | There are no non-functional sprint tasks in the outgoing product backlog | - |

## 7.2 Table of Functional Tasks (User Stories)

// TODO delete tasks which were completed in this sprint

|  |  |  |
| --- | --- | --- |
| **User Story** | **Details** | **Priority** |
| **US3. Emergency Notification/Alert** | As staff or student, I want to see Emergency news without needing to log into the website. | 1 |
| **US4. Article Modification** | As staff or student, I want to be able to edit articles, and attachments after publishing them | 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 information. | 1 |
| **US7. Staff News Category** | As staff, I want to be able to view staff-specific articles. | 2 |
| **US8. Archiving Old News Articles** | As staff or student,I want to be able to view archived news articles in a separate place. | 1 |
| **US11. Add comment section** | As Staff or Student, I want to be able to share some short feedback on articles. | 1 |
| **US12. System Outage** | As an admin, I want to be able to create ITS alert for system outage. | 2 |
| **US18. Article Voting** | As staff or student, I want the article to have votes on the quality. Up and down votes. | 2 |
| **US19. Article Paging** | As a staff or student, I want to be able to scroll through articles on the front page, seeing more than the most recent few | 2 |
| **US20. Article Images** | As an article author, I want to be able to attach an image to my article and have it show up around the site | 2 |

# 8. Statement of Contribution

**(Task Allocation Estimates for user stories are in the Burndown Chart)**

|  |  |
| --- | --- |
| Team Member | Contribution |
| Kevin Garcia  (Product Owner) | * US3. Emergency Notification/Alert * US5. RSS restriction * US11. Add comment section |
| Alex Langdon  (Scrum Master) | * US3. Emergency Notification/Alert * US5. RSS restriction * US11. Add comment section |
| Sunil Kumar  (Assistant Developer) | * US2. User Submissions * US3. Emergency Notification/Alert * US5. RSS restriction * US8. Archiving Old News Articles * US12. System Outage |
| Ben James  (PHP Developer) | * US2. User Submissions * US3. Emergency Notification/Alert * US4. Article Modification * US5. RSS restriction * US6. Posting news article approval * US7. Staff News Category * US8. Archiving Old News Articles * US11. Add comment section * US12. System Outage * US18. Article Voting |
| Mike Dickenson  (HTML Developer) | * US2. User Submissions * US3. Emergency Notification/Alert * US5. RSS restriction * US6. Posting news article approval * US7. Staff News Category * US8. Archiving Old News Articles * US11. Add comment section * US12. System Outage |