

**Sprint 2 Documentation**

Fednews Webpage Upgrades

(Team FedNews)

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# 1. Theme: The Prototype Sprint

Theme: Development of Prototype

This was the second Sprint of the FedNews project, and this one was based on designing the UI for the site, and getting this UI design prototyped and approved by the client. This UI will go on to serve as the base model of the site which will be developed. The prototype will define the functionality to be used in the final product.

In order to develop the UI, our first priority was to get the wireframes done for the site. The team used the user stories developed in earlier sprints to ensure all of the desired functionality was included. The UI was developed with reference to the current design of the FedUni website, trying to blend in with the existing styles, layout and functionality whilst having it still be our own work and useful for the work we’re doing.

The backlog was executed well, with wireframes completed for a majority of the current user stories, and the team used Invision to link them together. The InVision application provided functionalities to make the wireframes interact together, making it appropriate for a demonstration.

# 2. Incoming Product Backlog

This section presents a complete Product Backlog that would be attempted by team during this sprint 2. There are 2 types of tasks attempted in this sprint :

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

## 2.1 Non-functional sprint tasks

|  |  |  |
| --- | --- | --- |
| Task | Detail | Priority |
| Exploration of Pencil Software | The team members learning to use the software to create wireframes for prototype | 2 |
| Finalize style templates | Choosing a style template for the website and making sure it resembles FedNews current site but with new styles and layout | 3 |
| Exploration of InVisionApp | Using this application to map out the wireframes needed to make the prototype. | 2 |
| In depth exploration of PHP, HTML, JavaScript and CSS | Understanding the collaboration of all the files as a whole system | 3 |
| Exploration of Docker | Using docker functionalities and the team ability to incorporate it for future use | 2 |
| Exploration of Tech Stack | Understanding and learning the program. | 1 |
| Create Prototype | Create a interactive prototype resembling the final product | 3 |

## 2.2 Functional Task: Website User Stories

|  |  |
| --- | --- |
| User Story | Details |
| **US1. View News** | As student or Staff, I want to view news related to the University. |
| **US2. User Submissions** | As student or staff, I want to submit an article to be published to acknowledge viewers with information. |
| **US3. Emergency Notification/Alert** | As staff or student, I want to see Emergency news without needing to log into the website. |
| **US4. Article Modification** | As staff or student, I want to be able to edit articles, and attachments after publishing the article previously. |
| **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. |
| **US6. Posting news article approval** | As an administrator, I want to be able to approve any posts before they are published to the site. |
| **US7. Staff News Category** | As staff, I want to be able to view staff-specific articles. |
| **US8. Archiving Old News Articles** | As staff or student,I want to be able to view archived news articles in a separate place. |
| **US9. Submission Language Filter** | As an administrator, I want the articles submitted to me to have passed a language-filter. |
| **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. |
| **US11. Add comment section** | As Staff or Student, I want to be able to share some short feedback on articles. |
| **US12. System Outage** | As an admin, I want to be able to create ITS alert for system outage. |
| **US13. Social Media Integration** | As a Staff, Student or Admin, I want to be able to share article, comment, etc using social media |
| **US14. New Locations** | As an Student or Staff, I want to be able to add locations (campuses) for news |
| **US15. Operable** | As student or staff, I want the web pages functionality and system to be more user friendly and easily accessed. |
| **US16. Staff page** | As staff, I want the staff web pages functionality and system to be more user friendly and easily accessed. |
| **US17. Event Page** | As staff or student, I want the event web page to be more appealing, understandable functionality and system to be more user friendly and easily accessed. |
| **US18. Article Voting** | As staff or student, I want the article to have votes on the quality. Up and down votes. |

# 3. Sprint Backlog

The Sprint Backlog is an artefact that was created in a team meeting held for planning the Sprint

The theme of this sprint was the Design Sprint, user stories were divided between team members. Each webpage related to said stories were created to show the new layout and design aspects partially including functionality, that is to be added to the website.

## 3.1 Task Management

Tasks were grouped into two main areas, functional and non-functional, dividing the main skills and knowledge required for the task. Each task has been given a priority level to identify high value requirements from the client. Priority level also helps to ensure that high priority task receive focus and are being executed with precision. Like the task, help and time were provided for each team member to ensure success in completion of their tasks.

### 3.1.1 Task Assignment

From the beginning of the Sprint planning for this sprint, the user stories were divided up between the group member. Each member was assigned user stories based on their knowledge of the website and the amount of work included in the redesigning and creation the end product for each page required for said user story. This resulted in each member having an input in the redesigning of the User Interface for the website, including layout, design and flow of pages and functionality.

## 3.2 Product Backlog Items

### 3.2.1 Non-functional sprint tasks

|  |  |  |
| --- | --- | --- |
| Task | Conditions of Satisfaction | Priority |
| Exploration of Pencil Software | The team members have gained the knowledge to use the software to create wireframes for the prototype and use it to do so | 2 |
| Finalize style templates | A new style template for the website has been chosen, it resembles FedNews’ current site but also includes new styles and layout | 3 |
| Exploration of InVisionApp | The team understands how to use the application to map out the wireframes and have used it to do so for the prototype. | 2 |

### 3.2.2 Functional Task: Website User Stories

|  |  |
| --- | --- |
| User Story | Conditions of Satisfaction |
| **US1. View News** | All pages for viewing news have been updated with a new user interface to improve the users experience in finding and viewing relative news items |
| **US2. User Submissions** | Students and Staff submission pages have been designed and mapped out to be incorporated into the website |
| **US3. Emergency Notification/Alert** | Emergency news is displayed more prominently on the site, so that users are easily alerted to it |
| **US4. Article Modification** | An edit button has been added to article so that the publishing user can edit the article and its attachments after it has been published, this includes the editing page/view |
| **US5. RSS restriction** | RSS restrictions have been enforced, visually displaying what the users can and cant access and subscribe to, using the one uniform view with varying access dependant on user type |
| **US6. Posting news article approval** | The Administrator approval page has been redesigned and mapped out to improve the reviewing process |
| **US7. Staff News Category** | Staff have their own page for viewing staff specific news |
| **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 |
| **US10. Layout Design Improvements** | All pages have been redesigned and mapped out to improve the user experience |
| **US11. Add comment section** | A comment section has been added to each article in a convenient location related to the article |
| **US12. System Outage** | Alerting is available to let users know of system outages/maintenance |
| **US13. Social Media Integration** | Social media has been integrated into the design and layout of the site, including the ability to share and comment on article through social media.  This include a Facebook page |
| **US14. New Locations** | New locations have been added to the filters included in the article submissions |
| **US15. User Interface improvement** | The websites user interface has been improved to allow for a friendlier user experience and a more accessible website overall |
| **US16. Staff page** | Improvements to staff pages functionality and system to be more user friendly and easily accessed. |
| **US17. Event Page** | A more appealing web page with easily understandable functionality and system that is more user friendly and easily accessed. |
| **US18. Article Voting** | Incorporation of the Up and down vote system for each article |

# 4. Review Meeting Minutes

|  |  |
| --- | --- |
| Client Meeting Information | |
| Date (Time) | 31/05/2019 (2.00pm) |
| Attendees | Aaron Maskell, Kevin Garcia, Alex Langdon,Sunil Kumar, Mike Dickenson and Ben James |
| Minutes Taken by | Alex Langdon |
| Meeting Overview | Prototype Walkthrough- This was set up to present our work attempted in sprint two and to showcase the prototype the client. |
| Items Discussed | Discussion- Style and Layout   * Show examples of style and layout * Elaborated on the user experience direction, the team is heading in.   Discussion- Sprint 2 tasks   * Acknowledge the work done in sprint 2 * The direction of wireframes that are going to be created to resemble the final product design and functionalities   Presentation- A walkthrough demonstration of the prototype   * Showed the different pages that have design upgrades * Showed the new functionalities available * Showed the appropriate fixes to bugs through wireframes |
| Key Points of Client Feedback | * The team seem to have a good grasp of how this works * off the top of my head I don’t see anything missed from previous discussions * If I think of anything I will inform the you (Kevin Garcia, Product Owner) |

# 5. Retrospective Meeting Minutes

|  |  |
| --- | --- |
| Team Meeting Information | |
| Date (Time) | 01/06/2019 (12.30 pm) |
| Attendees | Alex Langdon, Kevin Garcia, Mike Dickenson, Sunil Kumar and Ben James |
| Minutes Taken By | Alex Langdon |
| Items Discussed | **Item 1:** What went well?   * Group Discussions on existing wireframes and models (noting changes and improvements) * Additional Brainstorming which impacted the creating additional wireframes needed to complete user stories. * Implementing a consistent design through wireframes to ensure functionality and design within inVision prototype works efficiently and effectively. * People understanding what's to be done, for example knowing what individual tasks are set for each member to ensure wireframes and prototype screens are completed without duplicates. * The ability to share and complete a draft prototype effectively through inVision application. * Logs and records of Individual work was done really well, this was done by creating a spreadsheet of individual work with a highlight of what's completed, started or not started.   **Item 2:** What could be improved?   * Ensuring people whom miss meetings are notified through multiple communication applications. * Ensure all members are keeping a flow of communication through discord, face-to-face, facebook etc. * Asking for regular feedback from both our supervisor and client.Online students should keep in touch within email or discord more regularly to ensure they know whats to be done and when. * Work load for some group members could be improved as the lack of support will impact on the quality of work produced.   **Item 3**: What can we do?   * We could provide better notes gathered from meetings so we are able to share them with those who couldn't attend, so they are kept in the loop of work to be done. * Simply keeping notifications on communication applications for both mobile a and standalone devices, to ensure everyone is alerted for when meetings are organised. * Sending and receiving current work done and to be done to both our client and supervisor will ensure we stay on the correct path. * Ideally finding a more effective way to better address the situation of members with their lack of commitment to the project.   **Item 4:** What is not in our control?   * Our Client was ill for a short amount of time, which made it difficult to set up a meeting after some tasks were completed. * Work and class schedules are an unfortunate conflict we wish didn't have an affect on our meetings and workloads, as its always helpful to have as many attendants to regular meetings along with being able to have set tasks completed on time. |

# 6. Statement of Progress

After completing the sprint 1. Whole team was focused on sprint 2. Getting the feedback on the sprint 1 really helped to pursue with sprint 2, All the guidelines and instructions were taken into the consideration and avoided the major mistakes made on the sprint 1 and the things which were not followed in sprint 1. The Sprint 2 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.

The Functionality that was covered during this sprint is more appealing and giving the more attractive and professional look. The new features has been added with covering the all the requirement and making the productive outlook to the new features which are more appealing and are as per the requirement of the client.

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

* Added the News section which has attractive slideshow animated slider with a search, location and a category option. Having the further news followed up in the sequence.
* The staff section will have the login screen to proceed to submit the news before that various (all option of the campuses of federation university Australia )will appear with radio button to select particular.
* Dashboard with structure of the submitting and wring and posting the articles. Emergency news
* Facebook article sharing and login and other articles and news updating system.

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 2 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 the progress in the sprint 2 and has acted more appealing and better than sprint 1 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 section of the document will present the work actually being done in this sprint.

* Green highlighted rows are done
* Red highlighted rows are not done.

## 7.1 Non-functional sprint tasks

|  |  |  |
| --- | --- | --- |
| Task (T#) | Detail | Priority |
| T1. Exploration of Pencil Software | The team members learning to use the software to create wireframes for prototype | 2 |
| T2. Finalize style templates | Choosing a style template for the website and making sure it resembles FedNews current site but with new styles and layout | 3 |
| T3. Exploration of InVisionApp | Using this application to map out the wireframes needed to make the prototype. | 2 |
| T4. In depth exploration of PHP, HTML, JavaScript and CSS | Understanding the collaboration of all the files as a whole system | 3 |
| T5. Exploration of Docker | Using docker functionalities and the team ability to incorporate it for future use | 2 |
| T5. Exploration of Tech Stack | Understanding and learning the technologies involved with out stack. | 2 |
| T6. Create Prototype | Create a interactive prototype resembling the final product | 3 |

## 7.2 Table of Functional Task: Website User Stories

|  |  |  |
| --- | --- | --- |
| User Story (US#) | Details | Priority |
| **US1. View News** | As student or Staff, I want to view news related to the University. | 3 |
| **US2. User Submissions** | As 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. | 3 |
| **US4. Article Modification** | As staff or student, I want to be able to edit articles, and attachments after publishing the article previously. | 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. | 2 |
| **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. | 2 |
| **US9. Submission Language Filter** | As an administrator, I want the articles submitted to me to have passed a language-filter. | 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. | 3 |
| **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. | 3 |
| **US13. Social Media Integration** | As a Staff, Student or Admin, I want to be able to share article, comment, etc using social media | 3 |
| **US14. New Locations** | As an Student or Staff, I want to be able to add locations (campuses) for news | 3 |
| **US15. Functionality upgrades** | As student or staff, I want the web pages functionality and system to be more user friendly and easily accessed. | 2 |
| **US16. Staff page** | As staff, I want the staff web pages functionality and system to be more user friendly and easily accessed. | 2 |
| **US17. Event Page** | As staff or student, I want the event web page to be more appealing, understandable functionality and system to be more user friendly and easily accessed. | 2 |
| **US18. Article Voting** | As staff or student, I want the article have votes on the quality. Up and down votes. | 1 |

## 

# 8. Statement of Contribution

|  |  |
| --- | --- |
| Team Member | Contribution |
| Kevin Garcia | Non-Functional backlog   * T1.Exploration of Pencil software * T2.Finalize style templates * T3.Exploration of InVision application * T6.Create prototype   Functional backlog-User stories   * US2. User Submissions * US7.Staff News Viewing Option * US10.Layout Design Improvements * US14.News Locations * US15.Functionality Improvements * US17.Event Page |
| Alex Langdon | Non-Functional backlog   * T1.Exploration of Pencil software * T2.Finalize style templates * T3.Exploration of InVision application * T6.Create prototype   Functional backlog-User stories   * US1. View News * US4.Article Modification * US10.Layout Design Improvements * US11.Add Section Comment * US16.Staff Page * US17.Article Voting * US15.Functionality upgrades |
| Sunil Kumar | Non-Functional backlog   * T1.Exploration of Pencil software * T2.Finalize style templates * T3.Exploration of InVision application * T6.Create prototype   Functional backlog-User stories   * US10.Layout Design Improvements * US13. Social Media Integration * US15.Functionality Improvements |
| Ben James | Non-Functional backlog   * T1.Exploration of Pencil software * T2.Finalize style templates * T3.Exploration of InVision application * T6.Create prototype   Functional backlog-User stories   * US10.Layout Design Improvements * US8.Archiving Old News Articles * US15.Functionality Improvements |
| Mike Dickenson | Non-Functional backlog   * T1.Exploration of Pencil software * T2.Finalize style templates * T3.Exploration of InVision application * T6.Create prototype   Functional backlog-User stories   * US10.Layout Design Improvements * US15.Functionality Improvements |