

**Sprint 3 Documentation**

Fednews Webpage Upgrades

(Team FedNews)

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DUE DATE: 25th August 2019

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# 1. Theme: The Core Development Sprint

Theme: Development of Core Pages

Theme: Development of Prototype

This was our third Sprint of the FedNews project, and this one was based on designing the web pages with basic functionality and giving a default design layout for all web pages. This This web pages will go on to serve as the base model of the site.

In order to develop the web pages, our first priority was to get the create the FedNews homepage 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.

# 2. Incoming Product Backlog

This section presents a complete Product Backlog that would be attempted by team during this sprint 3. 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 Tasks

|  |  |  |
| --- | --- | --- |
| Task | Detail | Priority |
| 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 |
| T6. Exploration of Tech Stack | Understanding and learning the technologies involved with out stack. | 2 |
| T7. Establishment of GitHib for VCS | Github repository setup and being used to develop the website’s code, as well as storing the final versions of the project’s documentation.. | 3 |

## 2.2 Functional Tasks

|  |  |
| --- | --- |
| Backlog Index (BL#) | Details |
| **BL1.Creating primary navigation** | Navigations to be viewed on all the web pages |
| **BL2.Creating secondary navigation** | Navigation will be visible and operable on every page of fednews |
| **BL3.Creating header for web pages** | The default header for the web pages |
| **Bl4.Creating footer for web pages** | The default footer for the web pages |
| **BL5.Creating FedNews webpage** | The index web page for the FedNews site |
| **BL6.Creating Staff News Webpage** | The Staff News web page which is only accessible by the staff users and admin |
| **BL7.Creating Student News Webpage** | The Student News web page which is only accessible by the student users and admin |
| **BL8.Creating Events Webpage** | The events page which is accessible by all viewers who seek the information of events that are to occur in the future |
| **BL9.Designing the layout to be more dynamic and comprehensive** | Making improvements to design layout into a more dynamic and comprehensive design style |
| **BL10.Integrating javascript functions** | Javascripts functions are to be visible such as slideshows |
| **BL11.Creating login web page** | A web page for registered users to login |
| **BL12.Creating login system** | A system to connect login webpage and registered users to a database,email server and rss subscriptions |
| **BL13.Creating submissions page** | A page which will allow a user with valid credential create a news article, the article will then be ran through a submission database |
| **BL14.Creating RSS feeds system** | Creating RSS system to be integrated for users to subscribe |
| **BL15.Creating database for FedNews Users** | Creating a database that can be integrated for FedNews |

# 3. Sprint Backlog

The Sprint Backlog was created in a team meeting held for planning the Sprint. The theme of this sprint was the Core Development Sprint. User stories were divided between team members. The core of the website was developed along the previously established designs, and the website is

## 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 were used to ensure that high priority tasks receive focus and are being executed in a timely manner.

### 3.1.1 Task Assignment

From the beginning of the Sprint planning for this sprint, the user stories were divided up between the group members. 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 each backlog.

## 3.2 Sprint Backlog Items

### 3.2.1 Non-functional Sprint Tasks

|  |  |  |
| --- | --- | --- |
| Task | Conditions of Satisfaction | Priority |
| 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 |
| T6. Exploration of Tech Stack | Understanding and learning the technologies involved with out stack. | 2 |
| T7. Establishment of GitHib for VCS | Github repository setup and being used to develop the website’s code, as well as storing the final versions of the project’s documentation. | 3 |

### 3.2.2 Functional Sprint Tasks

|  |  |  |
| --- | --- | --- |
| Backlog Index (BL#) | Condition of satisfaction | Priority For the current sprint |
| **BL1.Creating primary navigation** | Primary navigation is to be set globally to all webpages, the design must strictly stay consistent. | 3 |
| **BL2.Creating secondary navigation** | Secondary navigation is to apply further and simpler navigation through out certain sections of the webpage, this focuses on ‘fed news’ only webpages. | 3 |
| **BL3.Creating header for web pages** | Header is to identify the organisation (Federation Australia), this is set to be a permanent feature for all web pages to clarify the users still on the same webpage. | 3 |
| **Bl4.Creating footer for web pages** | Footer is to contain all necessary navigation points when the user reaches the bottom of the webpage, making navigation more time efficient. | 3 |
| **BL5.Creating FedNews webpage** | This page is to be similar to the existing web page, with more functionality and innovative design, is expected to work effectively and efficiently. | 3 |
| **BL6.Creating Staff News Webpage** | Staff page required to be accessed by staff only, as staff news is specific to saff only users, design is to be innovative, dynamic and comprehensive | 3 |
| **BL7.Creating Student News Webpage** | Student page is set to be similar to the staff page, where as both staff and students can view the news as staff area able to make articles directed to students. | 3 |
| **BL8.Creating Events Webpage** | Events page is set to be appealing, to allow the user to identify what and when the event is, quickly and sufficiently. | 2 |
| **BL9.Designing the layout to be more dynamic and comprehensive** | This is to ensure that all webpages and visual designs follow the constraint of ensuring the layout and design sustains a more dynamic and comprehensive look and feel. | 3 |
| **BL10.Integrating javascript functions** | The ability of implementing javascript functions allows for basic knowledge and ease of use features throughout the websites coding scheme. | 3 |
| **BL11.Creating login web page** | Login page is to allow users to provide their credentials as either a staff or student on specified domains | 3 |
| **BL12.Creating login system** | Login system is to enable the use valid credential for both staff or student for the user to go any further into secure sections of the webpage | 2 |
| **BL13.Creating submissions page** | Submission page is to allow the user to enter required information with the basic formatting tools for text and images etc. | 2 |
| **BL14.Creating RSS feeds system** | Users will be able to subscribe to RSS feed and admin will be able to manage the RSS system with ease. | 2 |
| **BL15.Creating database for FedNews Users** | A database will be integrated into the site to store all user information and different articles. | 2 |

# 4. Review Meeting Minutes

|  |  |
| --- | --- |
| Client Meeting Information | |
| Date (Time) | 23/08/2019 |
| Attendees | Aaron Maskell, Kevin Garcia, Alex Langdon,Sunil Kumar, Mike Dickenson and Ben James |
| Minutes Taken by | Alex Langdon |
| Meeting Overview | * This meeting was set up by sending our client a video recording of the progress of both the current prototype development, along with the presentation of the code and its layout structure. * This meeting was to ensure that we were on the right track after implementing minor changes requested by the client * We were able to discuss what methods of code we used and why they were implemented in such a way to assure that the code was done in a suitable manner * This meeting was constructed to present what we thought was an appropriate approach of finally being able to construct the website with ‘physical measures’ |
| Items Discussed | * Development of HTML, CSS, Javascript development * The appropriateness of the codes design and layout * Overview of the current layout and design * Implementation of previous client feedback to gain reassurance on the changes and updates * Navigation and links throughout the website, displaying the newly designed staff, student and news pages * The implementation of the color scheme * Appropriateness of the footer and header |
| Key Points of Client Feedback | * I can see a lot of work has occurred since we last communicated. * I really like: * Feature articles at the top * Calendar view broken into month sections * The considerations when sharing the article and making sure the image is displayed * What can be changed/refined: * Staff news layout, would like a different layout rather than the events layout and remove multi colours colouring for it * Text in news to be left aligned, not centered * When submitting news item, is there the ability to add an attachment? |

# 5. Retrospective Meeting Minutes

|  |  |
| --- | --- |
| Team Meeting Information | |
| Date (Time) | 21/08/2019 & 22/08/2019 |
| 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 discussion and outlining of required and completed tasks - Understanding the clients requests and needs - Being prompt and prepared, making the meetings short and effective - Discussion and explanation of HTML, CSS, JavaScript etc, to develop a better understanding for the entire group - Concise logs and records of backlog items implementation details - Overall workload was agreed to be fair    **Item 2:** What could be improved?  - Be more organised in finding an appropriate time and location for meetings - Have more Face-to-face or online verbal discussions (excluding text) - Enabling notifications on mobile devices will allow all members to be informed - Understanding everyone's work and university timetables, to allow for better meeting organisation - Be more effective and efficient with our contact for both client and supervisor - Use of one cloud storage technique instead of multiple  **Item 3**: What can we do?  - Set up frequent meetings over skype/adobe classroom/dicords - Having a set meeting time (more than once a week) where majority of members can attend - Get in contact with client earlier, and keep a flow of conversation for updates and changes - Agree on the more effective and efficient cloud service, or research for a more efficient method  **Item 4:** What is not in our control? - Work and university timetables are both a non negotiable unless workload becomes unbearable - Illness and personal circumstances, these unfortunate progress bumps can not be avoided in group work as people are assigned to individual roles and these issues are bound to appear - Members overloading in subjects limiting time they can spend on certain coursework and assignments |

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# 6. Statement of Progress

**SCOPE AND PURPOSE :-** The Scope and purpose of current sprint is to work on the development functionality of the project based upon the requirements set in sprint 1, sprint 2 and additional requirement expected and feedback of prototype from client . Basically this sprint worked on the backend work for e.g. working with fundamental page of HTML,CSS,Java,and SQL. Having the basic functionality working and checking to use of it upon execution.

**PROGRESS :-** Work went well to date as we implemented the basic functional and move forward from our previous sprints. The set up or goal task, requirement for the current sprint has been completed for instance developing a code for the web pages using HTML in notepad++,JAVA, SQL database. Use of java scripts to make dynamic functionality work in web page for this current sprint. So in the development we expected to work on the Primary navigation in web page, as part of our project main focus as Secondary navigation which we created and implemented some of the new functionality for login system by staff or student which was expected by our client.

**ADDITIONAL WORK :-** Apart from the core work we expected to work on the web page to make it more appealing and show more functionality which were not expected in this sprint. We have basic webpage with the header and footer functionality. Which were not expected in this current sprint.

Upon working further team made more functionality which will be implemented in the next sprint

New tools have been introduced for example Github and having repository for all work and have collaboration with team.

Adobe class room for the standup meetings as well as our normal tool discord.

**REMAINING WORK:-**

**EXPECTED RESULTS**:- For the current sprint our team was expected to work on basic modelling of the website with frontend and backend work. Our Sprint backlog items were covered and they all were working as expected.

* Dashboard with structure of the submitting and wring and posting the articles. Emergency news
* 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.
* 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.
* Databases and integrated systems help make the environment more responsive

Communication happened almost every day through discord and through the adobe classroom. So that project move swiftly .

# 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 Table of Functional Task: Website User Stories

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|  |  |
| --- | --- |
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# 8. Statement of Contribution

|  |  |
| --- | --- |
| Team Member | Contribution |
| Michael 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   * BL1.Creating primary navigation * BL2.Creating secondary navigation * BL3.Creating header for web pages * BL4.Creating footer for web pages * BL5.Creating the homepage for FedNews site * BL6.Creating staff news web page * BL10.Integrating javascript functions * BL11.Creating login web 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   * BL1.Creating primary navigation * BL2.Creating secondary navigation * BL9.Designing the layout to be more dynamic * BL11. Creating login web page |
| 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   * BL3.Creating header for web pages * BL5.Creating FedNews web page * BL6. Creating staff News web page * BL9.Designing the layout to be more dynamics * BL10.integrating javascript functions |
| 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   * BL3.Creating header for web pages * BL5.Creating FedNews Webpage * .BL7.Creating student news webpage * BL9.Designing layout to be more dynamic * BL11.Creating login web page |
| 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   * BL5.Creating FedNews web page * BL6.Creating staff news webpage * BL9.Designing layout to be more dynamic |