GROUP A

**Scrum Master – Atharva Shah**

**Project Name – WYDRN (What You Doin’ Right Now?)**

WYDRN - Project Roles and Responsibilites

You can view a more detailed distribution of work here –

[**https://docs.google.com/spreadsheets/d/1A9cpIDJguHsHxJcm0\_3q-6g3devpo9vrO9IfDg3TrmU/edit#gid=126321554**](https://docs.google.com/spreadsheets/d/1A9cpIDJguHsHxJcm0_3q-6g3devpo9vrO9IfDg3TrmU/edit#gid=126321554)

**1 Story Point is roughly 1 hour of investment in the project.**

## Atharva Shah (280 story points)

* FullStack Development. Implementing a model for Login, Signup, Add Media, Import and Export, Diary, Browse Media, Edit Profile, Verify Account, Upload Image, Social Follow/Unfollow and Feed. Writing markup and providing styling to all pages.
* Designing Database Schema and management of project file hierarchy.
* Adding API service and making API requests for all 5 medias (Movies, TV, Books, Music and Videogames)
* Debugging, Pagination, AJAX, URL Rerouting, Version Management, SQL Queries, System Design, Caching, Security, Templating, Exception Handling, Enforcing best practices and providing template/boilerplate code for ML Models and integrating all the systems.
* Fortifying against XSS, CSRF and SQL Injection.
* Designing a Machine Learning model by integrating Python with PHP and recommending all 5 media types to the users based on the medias added by them (Movies, TV, Books, Music, and Videogames)
* Reporting project developments and ensuring successful builds for every iteration as a Scrum Master.

## Anay Deshpande (50 story points)

* Designing of all the UML diagrams such as ERD, DFD, Project Flow Diagram, etc based on template provided for scrum master.
* Suggesting refactoring needed to code base.
* Assisting in White-box testing and project annotation with a lot of valuable feedback.
* Assisting with documentation. Editing videos for import feature walkthrough and login page video backgrounds.
* Improving CSS and enhancing UI/UX components. Providing icons, assets, and other files.

## Rashmi Kamble (12 story points)

* Collection of nearly ~100 static image files with proper resolution for the website. (Graphic Designs, Backgrounds, Abstract Art, etc.).
* Content writing for landing pages and checking for factual and grammatical correctness in documentation.
* Collecting nearly 75 quotes related to WYDRN medias.

## Atharva Shiurkar (10 story points)

* Leading project documentation. Recording features and functionalities available for each page in detail from a developer point of view.
* Majority of annotation work.
* Black-box testing.

## Nikhil Haswani (10 story points)

* All the written work related to reports, journals, etc. for the project.
* Assisting in documentation, black-box testing, collection of quotes and images.
* Making presentations, documents, preparing for demonstrations and giving complete walkthrough of the project when needed.

## Om Khulbe (12 story points)

* Adding 2 sections for Landing Page
* White box testing and reporting test results for debugging.

## Lavesh Milani (8 story points)

* Gathering datasets and to develop a Recommendation system for the users for each media in Python.
* Adding responsiveness to 3 pages

Attendance Record (Maintained by Atharva Shah)

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Members x Task Assigned** | **15th July '22** | **20th July '22** | **24th July '22** | **27th July '22** | **3rd August '22** | **8th August '22** | **23rd August '22** | **3rd September '22** | **8th September'22** | 15th Sepmber '22 | 21st September '22 | 28th September'22 |
| **Om Khulbe** | **PRESENT** Discussed and showcased project ideas, implementation, tech stack. Scrum master gave a walkthrough of all the features and functionalities. | **PRESENT :**Inquired about areas of interest that suits to their development style. Assigned general roles and responsibilities. | **PRESENT : ⌛ Task #1 Assigned: Designing and Coding of Landing Page. Page will be static and made using HTML, Bootstrap CSS and JS for Responsiveness. References provided by Scrum Master.** | **ABSENT:** Reported as working on Task #1 | **ABSENT:** Reported as Task #1 30% done | **PRESENT :** Reported as Task #1 50% done | **PRESENT :** Draft is reported as ready. I reviewed it and passed it. Final view will be ready soon. | **PRESENT : ✅ TASK #1 Completed. ⌛ Task #2 assigned - Adding icons, adding more styling sections and designing header.** | **PRESENT :** Working on Task #2 | **PRESENT :** Working on Task #2 | **ABSENT:** Working on Task #2 | **PRESENT**: Finished Task #2 |
| **Anay Deshpande** | **PRESENT:** Discussed and showcased project ideas, implementation, tech stack. Scrum master gave a walkthrough of all the features and functionalities. | **PRESENT:** Inquired about areas of interest that suits to their development style. Assigned general roles and responsibilities. | **PRESENT: ⌛ Task #1 Assigned: Creating of user Flow Chart for WYDRN diagram. Initial diagram layout provided by Scrum Master.** | **PRESENT: ✅ TASK #1 Completed** | **⌛ Task #2 Assigned: Writing Basic SQL queries for "stats.php" page. 50% of the code with references provided by Scrum Master. Designing tables for admin page and extending CSS code provided by Scrum Master.** | **PRESENT: ✅ TASK #2 Completed. ⌛ Task #3 assigned - writing test case for each page.** | **PRESENT:** Working on Multiple mini-tasks assigned. Entire list here - <https://atharvashah.notion.site/TaskList-for-Anay-5657133ae92a4b0c83a0b844ad6a7904> | **PRESENT: ⌛ Task #4 assigned - adding meta tags, collecting videos, adding voiceover to import/export walkthroughs and badges backend assistance.  TASK #3 partially done.** | **PRESENT: ✅ TASK #4 Completed. Task 3 ongoing** | **PRESENT** | **PRESENT** | **PRESENT: ✅ Finished several front-end related tasks** |
| **Lavesh Milani** | **PRESENT:** Discussed and showcased project ideas, implementation, tech stack. Scrum master gave a walkthrough of all the features and functionalities. | **PRESENT:** Inquired about areas of interest that suits to their development style. Assigned general roles and responsibilities. | **PRESENT: ⌛ Task #1 Assigned: Creating of ML Models related to 5 Medias. Python Boilerplate provided by Scrum Master along with detailed implementation strategies.** | **PRESENT:** Reported as working on Task #1 | **PRESENT:** Reported as working on Task #1 | **PRESENT:** Reported as working on Task #1 | **PRESENT:** Reported as working on Task #1. Minor delay as per the expected deadline | **PRESENT:** Resolved some issues on a meet with the Scrum Master regarding technical hindrances. | **PRESENT:** Reported as working on Task #1. Minor delay as per the expected deadline | **ABSENT** | **ABSENT** | **✅ PRESENT: Finsihed Task #1** |
| **Atharva Shirukar** | **PRESENT:** Discussed and showcased project ideas, implementation, tech stack. Scrum master gave a walkthrough of all the features and functionalities. | **PRESENT:** Inquired about areas of interest that suits to their development style. Assigned general roles and responsibilities. | **PRESENT: ⌛ Task #1 Assigned: Documentation work assigned. Initial layout sketched by Scrum Master provided by Scrum Master.** | **PRESENT:** Reported as working on Task #1 | **PRESENT:** Reported as Task #1 50% done | **PRESENT: ✅ TASK #1 Completed. ⌛Task #2 assigned: Collection of member bios and executing test case for each page.** | **PRESENT: ✅ Task #2 completed. ⌛ TASK #3 Documentation Work Assigned.** | **PRESENT: ✅ Task #3 completed. ⌛ TASK #4 assigned - help with White Box testing and provide feedback for UI/UX improvements** | **PRESENT:** Working on Task #4 | **ABSENT** | **PRESENT** | **✅ PRESENT: Finsihed Task #4** |
| **Nikhil Haswani** | **PRESENT:** Discussed and showcased project ideas, implementation, tech stack. Scrum master gave a walkthrough of all the features and functionalities. | **PRESENT:** Inquired about areas of interest that suits to their development style. Assigned general roles and responsibilities. | **PRESENT: ⌛ Task #1 Assigned: To assist in documenation and image collection process.** | **PRESENT:** Reported as working on Task #1 | **PRESENT:** Reported as working on Task #1 | **PRESENT: ✅ TASK #1 Completed. ⌛Task #2 assigned: Reaching out to other Scrum masters and reporting interested parties for beta testing. Find Book Images** | **PRESENT: ⌛ TASK #3 Documentation Work Assigned.   Task #2 on hold for now.** | **PRESENT:** Working on Task #3 | **PRESENT:** Task #3 50% completed | **PRESENT** | **PRESENT** | **✅ PRESENT: Finsihed Task #3** |
| **Rashmi Kamble** | **PRESENT:** Discussed and showcased project ideas, implementation, tech stack. Scrum master gave a walkthrough of all the features and functionalities. | **PRESENT:** Inquired about areas of interest that suits to their development style. Assigned general roles and responsibilities. | **PRESENT: ⌛ Task #1 Assigned: To collected 75 image artifacts relevant to the site. Detailed instructions on resolution, category, etc provided by Scrum Master.** | **PRESENT:** Reported as working on Task #1 | **PRESENT:** Reported as working on Task #1 | **PRESENT: ✅ TASK #1 Completed. ⌛Task #2 assigned: Populating quotes.php with pop culture content.** | **PRESENT: ✅ TASK #2 Completed. ⌛ TASK #3 Documentation Work Assigned.** | **PRESENT:** Working on Task #3 | **PRESENT:** Task #3 % 75% completed | **ABSENT** | **PRESENT** | **✅ PRESENT: Finsihed Task #3** |

Challenges Faced

* Coming up with a strategy to cache media item covers to serve them quickly after the first requests.
* Displaying logged in profile page as well as other members profile page using GET request in the same profile.php file
* Making the website responsive (especially CSS Grids and Flexbox)
* Working with FPDF Library (Documentation was a bit difficult to navigate)
* SQL Queries related to JOINING multiple tables
* Making API response more efficient by requesting only required data objects.
* Conditional Rendering of badges on the User Badges page
* Syncing member schedules
* Email Authentication and mail setup (PHPMailer library was used)

Reference List

1. HTML Email Formatting- https://css-tricks.com/sending-nice-html-email-with-php/
2. How to Make Responsive Website- https://www.browserstack.com/guide/how-to-create-responsive-website
3. FPDF docs- http://www.fpdf.org/en/doc/index.php
4. PHP Emails https://www.geeksforgeeks.org/how-to-send-an-email-using-phpmailer/
5. PDF Generation and Table Styling http://www.fpdf.org/en/script/script14.php
6. 404 Pages To Check Out- https://www.searchenginejournal.com/404-page-examples/211154/
7. Deployment Guide- https://www.google.com/amp/s/auth0.com/blog/amp/the-ultimate-guide-to-deploying-php-applications/
8. Troubleshooting: Google Books Low Quality Covers- <https://stackoverflow.com/questions/65562340/high-quality-book-covers-using-google-books-api>
9. GIT Undo- https://stackoverflow.com/questions/1616957/how-do-you-roll-back-reset-a-git-repository-to-a-particular-commit
10. Sweet Alerts - Used on Login, SignUp and Welcome pages- https://sweetalert.js.org/guides/#getting-started
11. Writing Test Cases- https://www.guru99.com/test-case.html
12. Dialog Box Open - https://codepen.io/highnessatharva/pen/KKoGdvO
13. Glowing Social Icons - https://codepen.io/highnessatharva/pen/OJvwZNy
14. Responsive HTML Table - https://codepen.io/highnessatharva/pen/KKooRLj
15. AutoSorting HTML Table - https://codepen.io/highnessatharva/details/KKoJoPv
16. Sliding Social Feed - https://codepen.io/seyedi/pen/zYoeLEv
17. Edit Profile Page Styling - https://codepen.io/fat\_64/pen/YzPeNwR
18. Landing Page fancy animation #1 - https://tympanus.net/Tutorials/ImageGridMotionEffect/
19. Landing Page fancy animation #2 - https://tympanus.net/Development/RapidLayersAnimation/
20. Carousel Animation (Use for features/media showcase - https://nickpiscitelli.github.io/Glider.js/
21. Cursor Tracker - https://tympanus.net/Tutorials/codrops-masked-hero/
22. Bootstrap UI Components and Theme Kits - https://mdbootstrap.com/
23. UI Kit for Admin page - https://mdbootstrap.com/docs/standard/design-blocks/admin/