Assignment 2: Software Requirements Specification

Team: Wellness

Project Title: Stress and Burnout Reduction Website

Members:
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- Jesse Naser
- Carlos Nunez
- Noah Mousseau

Meetings Date	Participants
1/23/2024	Deboshree, Ali, Jesse, Carlos, Noah
1/29/2024	Deboshree, Ali, Jesse, Carlos, Noah

Stakeholders	Requirements
Web server (backend)	NFR5: Performance NFR6: Maintainability FR4: User information library FR5: Goal tracking FR9: Login streak tracker FR10: Community sharing forum FR11: Community meetup post forum FR16: User Profile Storage
Users (frontend)	NFR1: Appealing visual style NFR2: Simple navigation NFR3: Organized layout NFR4: Comprehensive forums NFR5: Performance NFR6: Maintainability FR1: Homepage FR2: Article library FR3: Video library page FR5: Goal tracking FR6: Timers

	FR7: Relaxation sound library page
	FR8: Daily and weekly login challenges
	FR9: Login streak tracker
	FR10: Community sharing forum
	FR11: Community meetup post forum
	FR12: Progress/account dashboard
	FR13: Guided Meditation Sessions
	FR14: Customizable User Profiles
	FR15: Wellness Challenges

| **NFR1. Appealing visual style** |
| Goal: Create a visually appealing style for the website |
| Stakeholders: Users |
| Create a simple and easy to read visual style that does not conflict with the layout or draw attention away from important user-interface aspects. This will allow the website to have an appealing color palette and visual style, as well as being consistent across web pages. |
| Origin: Based on recent project meetings, team came up with feature during feature meetings |
| Version: 1.0 |
| Date: 1/23/2024 |
| Priority: 3 |

| **NFR2. Simple navigation** |
| Goal: Create an easy to navigate website for the user |
| Stakeholders: Users |
| Keep links visually clear and indicate clearly to users where links and pages will take them, as well as general descriptors for various links and pages. |
| Origin: Based on recent project meetings, team came up with feature during feature meetings |
| Version: 1.0 |
| Date: 1/23/2024 |
| Priority: 1 |

NFR3. Organized layout
Goal: Ensure an organized layout for the website
Stakeholders: Users
Implement a clear and structured layout that enhances the user experience. This includes logically organizing content, providing intuitive navigation, and maintaining consistency in design elements across web pages. An organized layout contributes to a seamless and efficient interaction with the website.
Origin: Based on recent project meetings, the team identified this requirement during feature meetings.
Version: 1.0
Date: 1/29/2024
Priority: 2

NFR4. Comprehensive forums
Goal: Ensure an organized and informative layout for forums and posts
Stakeholders: Users
Create a clean and simple to use forum webpages for the meeting forum and user posts forum. Should be easy to read and navigate, and allow users to freely move between user posts on both forums and user comments/meetup confirmation on both forums.
Origin: Based on recent project meetings, the team identified this requirement during feature meetings.
Version: 1.0
Date: 1/23/2024
Priority: 3

NFR5. Performance
Goal: Produce a well performing website with average to above average load times

Stakeholders: Users, Web server
This can be achieved by minimizing the size of images and other media files and using efficient coding practices.
Origin: Based on recent project meetings, team came up with feature during feature meetings
Version: 1.0
Date: 1/23/2024
Priority: 1

NFR6. Maintainability
Goal: Ensure ease of updating, modifying, or fixing the website
Stakeholders: Users, Web server
clean, well-documented code, adherence to coding standards, and a modular architecture that allows for easy updates and integration of new features.
Origin: Based on recent project meetings, team came up with feature during feature meetings
Version: 1.0
Date: 1/23/2024
Priority: 1

FR1. Homepage
Goal: A main page for information about the website and its intentions, as well as a way to navigate within the website
Stakeholders: Users
This main page will require a few main features: ● Title and website icon ● Headers to organize various content ● Navigation bar ● Descriptions of information contained on the website
Origin: Based on initial project speculation, team came up with feature during initial meetings.

Version: 1.0
Date: 1/29/2024
Priority: 1

FR2. Article library page
Goal: To provide users with specific collections of articles focused on stress reduction methods, burnout avoidance, meditation, and overall wellness.
Stakeholders: Users, Content Curators
There will be a page dedicated to having articles available that pertain to specific tips, guides, and information that cover everything involving stress reduction, burnout prevention, and wellness. The page will have simple navigation that users will be able to follow and engage with the content with ease.
Origin: Based on initial project speculation, team came up with feature during initial meetings.
Version: 1.0
Date: 1/26/2024
Priority: 2

FR3. Video library page
Goal: To provide users with a comprehensive video library with carefully picked content that focuses on wellness, burnout prevention, meditation, work management, and stress reduction.
Stakeholders: Users, Content Curators
Users will be able to access a dedicated page that contains a wealth of videos dealing with all manners of stress reduction and wellness. The interface will be coherent and easy to navigate for users to discover, view, and engage with the video content.
Origin: Based on initial project speculation, team came up with feature during initial meetings
Version: 1.0
Date: 1/26/2024
Priority: 2

FR4. User information library on backend
Goal: Contains all information needed by the website to utilize within user interactions
Stakeholders: Backend web server
The user information library will contain information needed by the website to authenticate user login information, retain user login details such as passwords and usernames, keep track of goals, keep track of challenges, and keep track of login streaks. This library will also contain and keep track of when/if the user wishes to change login information and will be able to add or remove profiles.
Origin: Based on initial project speculation, team came up with feature during initial meetings
Version: 1.0
Date: 1/23/2024
Priority: 1

FR5. Goal tracking
Goal: Enables users to set and track personal goals to manage burnout and stress.
Stakeholders: Users, Web server
A goal tracker will be made that will enable users to create and track new wellness goals or track pre-made ones. There will be specific details such as goal name, a description of the goal, and a set completion date.
Origin: Based on initial project speculation, team came up with feature during initial meetings.
Version: 1.0
Date: 1/26/2024
Priority: 2

FR6. Timers
Goal: Will provide customizable timers for certain activities such as meditation and relaxation exercises

Stakeholders: Users
Users will be able to have access to a timer that lets them set and customize a certain countdown for various activities. Will act as a time management feature for users to effectively participate in activities.
Origin: Based on initial project speculation, team came up with feature during initial meetings
Version: 1.0
Date: 1/29/2024
Priority: 2

FR7. Relaxation sound library page
Goal: Contains links and descriptions of relaxing sounds for user interaction
Stakeholders: Users
This feature will contain a page for a collection of audios for relaxation and stimulation. There will be multiple audios to choose from each with their own different sound and feel in order to cater to all types of users.
Origin: Based on initial project speculation, team came up with feature during initial meetings.
Version: 1.0
Date: 1/29/2024
Priority: 3

FR8. Daily and weekly login challenges
Goal: Unique challenges available weekly that will help with stress relief and relaxation
Stakeholders: Users
This feature comprises various weekly and daily challenges, that encourage users to take some time to de-stress and relax, in order to better their mental-health. There will be at least 1 daily challenge (which will refresh daily), and 1 weekly challenge (which will refresh weekly). Both challenges will require the user to confirm when they have completed them.
Origin: Based on initial project speculation, team came up with feature during initial meetings.

Version: 1.0
Date: 1/29/2024
Priority: 3

FR9. Login streak tracker
Goal: Display a counter pertaining to how many days in a row the user logged into the website
Stakeholders: Users, Web server
A streak showing how many days in a row the user has returned to the website and participated in any of the various activities: ● Meetup post or confirmation ● Forum post ● Daily challenge ● Weekly challenge This streak will be displayed on both the progress/account dashboard, and the user profile page.
Origin: Based on initial project speculation, team came up with feature during initial meetings.
Version: 1.0
Date: 1/29/2024
Priority: 3

FR10. Community sharing forum
Goal: A forum where users can share their favorite mindful break routines, experiences, and tips
Stakeholders: Users, Web server
The community sharing forum will require a form of forum, through which users can create posts, click-into other users' posts, and comment on other users' posts. This will require a way to display users' posts, a way to automatically generate user posts when they wish to make a post, and a way to automatically generate comments when users want to comment. It will also require a way to display comments and the content of a given post, as well as a brief description of a user's post on the main forum page. ● Main forum page with users posts

○ User posts ■ Comments
<u>Origin:</u> Based on initial project speculation, team members came up with this idea during initial meetings.
<u>Version:</u> 1.0
<u>Date:</u> 1/23/2024
<u>Priority:</u> 2

FR11. Community meetup post forum
Goal: A forum where users can create posts inviting others to meetups at Wayne State
Stakeholders: Users, Web server
The community meetup forum will require a form of forum, through which users can create posts displaying meetup information to other users, click-into other users' posts, and confirm their intention to meet or not.. This will require similar features in accordance with the general forum, and will also require a way to display user meetup information, such as time and location. ● Main meetup forum page ○ User meetup posts ■ Confirmation of meeting
<u>Origin:</u> Based on initial project speculation, team members came up with this idea during initial meetings.
<u>Version:</u> 1.0
<u>Date:</u> 1/29/2024
<u>Priority:</u> 2

FR12. Progress/account dashboard
Goal: Provide users with a comprehensive Progress/Account dashboard.
Stakeholders: Users
A dedicated dashboard that allows users to track their overall progress, view completed goals, monitor wellness achievements, and access personalized insights. The dashboard should

provide a user-friendly interface for a holistic overview of their wellness journey on the platform.
<u>Origin:</u> Based on initial project speculation, the team identified this feature during initial meetings.
<u>Version:</u> 1.0
<u>Date:</u> 1/29/2024
<u>Priority:</u> 2

FR13. Guided Meditation Sessions
Goal: Provide users with a collection of guided meditation sessions for stress relief.
Stakeholders: Users
A section dedicated to guided meditation sessions, allowing users to choose from a variety of sessions with different themes and durations. Users can follow along for relaxation and stress reduction.
<u>Origin:</u> Based on initial project speculation, team members came up with this idea during initial meetings.
<u>Version:</u> 1.0
<u>Date:</u> 1/29/2024
<u>Priority:</u> 2

FR14. Customizable User Profiles
Goal: Allow users to personalize their profiles with preferences and settings.
Stakeholders: Users
Enable users to customize their profiles by adding personal preferences, setting notification preferences, and adjusting other settings to enhance their overall experience on the platform.
<u>Origin:</u> Based on initial project speculation, team came up with feature during initial meetings
<u>Version:</u> 1.0

Date: 1/29/2024
Priority: 1

FR15. Wellness Challenges
Goal: Engage users in wellness challenges for motivation.
Stakeholders: Users
Create a feature that introduces wellness challenges for users to participate in, encouraging them to adopt and track healthy habits. Challenges could include daily tasks, mindfulness exercises, and stress-relief activities.
Origin: Based on initial project speculation, team came up with feature during initial meetings
Version: 1.0
Date: 1/29/2024
Priority: 1

FR16. User Profile Storage
Goal: A general use user profile structure
Stakeholders: Users
Create a user class that stores various forms of information about the user that is used by the website (below information is only tentative, may be more information needed): ● Username ● Password ● Name ● Email ● Login streaks
Origin: Based on later project progress, realized needed a centralized form of user profile storage.
Version: 1.0
Date: 1/29/2024
Priority: 1