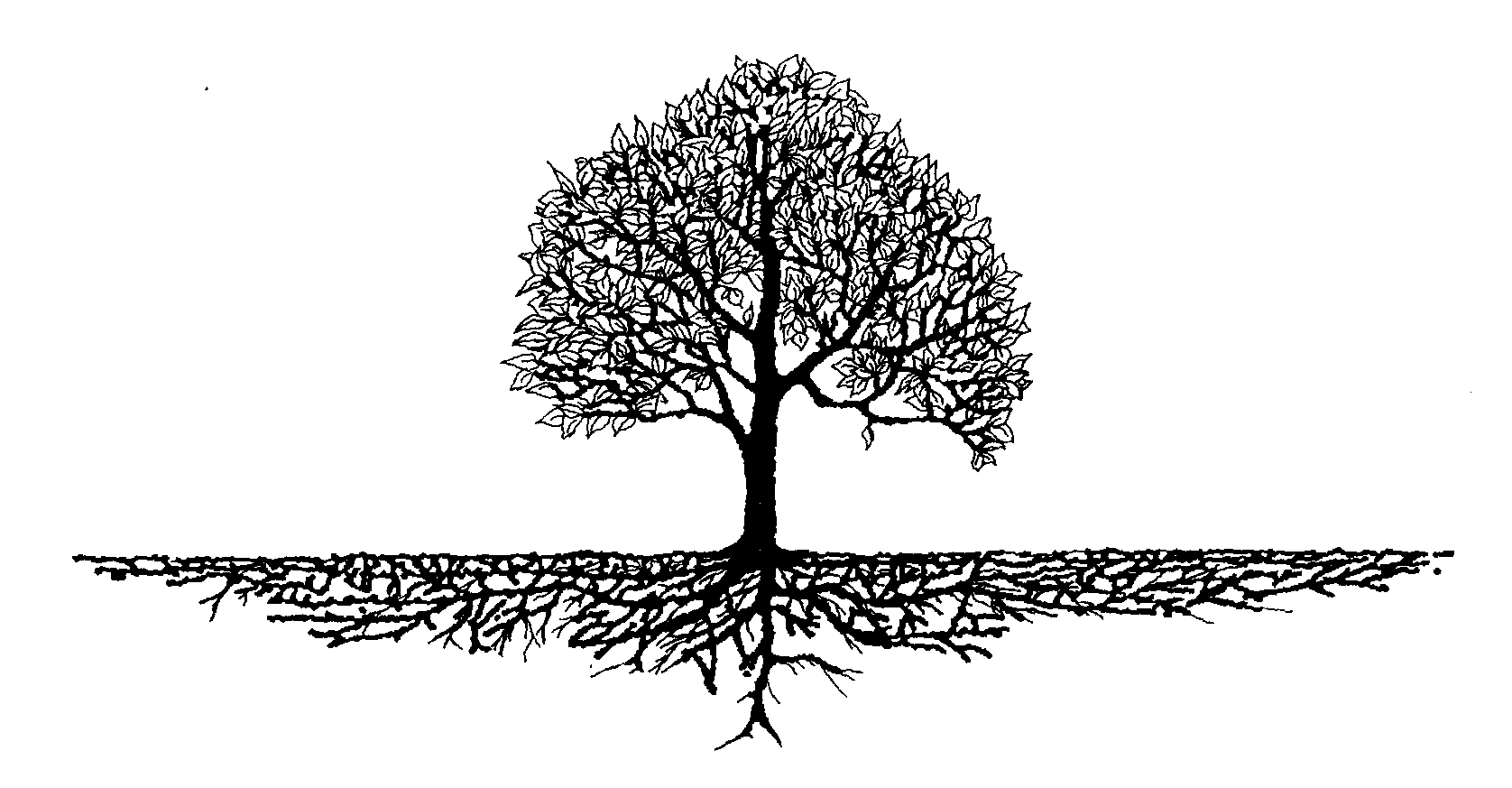
Software Requirement Specifications



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# Dictionary & Acronyms

|  |  |
| --- | --- |
| Term | Definition |
| User | Someone who interacts with the application |
| Admin / Administrator | Someone who is given specific permission for managing and controlling the system. |
| Web Browser | An application which allows a device to access the internet. |
| Staff | Employee of Northwood Long Term Care |
| The Team | The development team composed of, Bradley Baker, Johnathan Mackenzie, Mark Podrouzek, Christopher Fevrier |
| UserName | A unique identifier |
| Password | A unique string which is only known to the User |
| Webpage |  |
| Element |  |
| REF |  |
| User Credentials |  |
|  |  |
|  |  |
|  |  |

# Process Constraint

1. Prototyping Developing Architecture

The Team is developing the application using a protyping architecture. This allows the client to have a physical copy and experience the work in progress and give suggestions based on their experiences and needs.

# Design Constraint

1. Designed for the browser, requires HTML5/ JavaScript.

This will allow the majority of devices that the team suspects to be found at Northwood to access the application.

1. Low Hardware Requirements.

The team does not wish to limit the user experience based upon a lack of hardware owned by the client

1. Purging of Non-Necessary Posts

Due to limited space within the Northwood Network Architecture.

1. Purging of Non-Active Accounts

Due to limited space within the Northwood Network Architecture.

# Functional Requirements

1. Account Creation

3.1.1: The account creation process is started with the click of the “Sign In” button located in the top left of the screen.

3.1.2: The account creation process required a Username of between 1 and 100 characters

3.1.3: The account creation process requires a password of between 0 and 100 characters

3.1.4: The User, or assistant of the User, must enter the Users Name, a unique UserName (REF 3.1.2), a password (REF 3.1.3), and the reputation of the said password for confirmation;

3.1.5: If the entered reputation of the password does not match that of the entered password. The user is prompted accordingly and is required to renter the password and the confirmation.

3.1.6: After the User submits the Information, the Server then confirms that the UserName is not being utilized by another User. If so the User is prompted to choose a new UserName, and the process is repeated.

3.1.7: Once the account is accepted and created. The User can sign in to the application (REF 3.2).

1. Sign-In / Sign Out

DESC: The User must be able to sign into and out of their unique account from any page of the application.

PROC: Log-in can be completed from the homepage of the application found in the top right hand corner of the webpage, but to the left of the Sign Up element (REF 3.1). From interacting with this element the User will be prompted to provide their unique UserName and password. Once the submit button is interacted with the information provided is cross referenced with the server’s profile database to ensure the users credentials are correct. Once completed the User is signed into their account. To sign out of the application the User must click the Log Out button within the top left. The User is then prompted to ensure they wish to sign out. If confirmed the user account is disconnected from the

1. Profile Personalization

To give users a easy way to identify other users and friends.

1. Personalize Profile Page

Have a page which shows the “Tweets” published by said user.

1. Deleting Personal Posts

Having the option to delete a published post, in the event they wish to.

1. Account Security

The system should be reliant to the most basic of security attacks, and only one person should have access to each account.

1. Global News Feed

A single feed which allows users to see what is happening within the facility.

1. Personal Messaging System

A possible personal messaging system allowing users to communicate in private.

1. Change Password

Allow Users to change password for security reasons.

1. Administrative Control Panel

Supply a control panel for Northwood to administrate the Roots Application and its Users.

1. Administrative Accounts

Accounts in which have access to the administrative control panel.

1. Customizable Views (Font Size & Colours)

To allow users with low visibility and/or color blindness to enjoy the application.

1. Conformation of Acceptance

To ensure one person does not create multiple accounts, and unwanted people do not gain access to the application

# Non-Functional / Quality

1. Message Time to Push

A reasonably low amount of time should be allowed for a message to be sent and show up on the global feed.

1. User agreement

An agreement between the users, developers, and administrators.

# Meeting Notes

## First Meeting

Staff Required for Input

* Banner Ads at Tops of Screen
* Users Require Training on App Use
* Users Require Shortcuts to Apps
* Users Must Be Able to Recover Password / Forget Passwords Often (Administrator)

User Comments

* Users Lack of Equipment
* Lack of IT Support
* Need Things to Take Little Time
* Communal Messaging System to Combat Exclusion
* Want a Personalized Profile
* Want to Block People So Aquatences Can’t See Them
* Want to Make Their Own Password, as Complicated or Not as desired
* Hobby Schedules (Need to make sure someone posts it)
  + Email / Phone is current solution
* Do Not Require Colour Blind Support (Basic Colours)
* Users Are Not Allowed to Share Foods
* Do Not Travel
* Having A Way to Remove Users and Offensive Posts
* Having Some Way for Others to Write Posts
* Voice To Text Posting