## Requirements: Davebook

SEIS 752: Advanced Web Application Engineering

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**Release Notes: Davebook 2.0**

Required:

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| Required Functionality | Description |
| Populate table with dataset | Populate Users table with dataset: <https://s3.amazonaws.com/seis752/users.sql> |
| Implement Version Control System | Create a version control repository and copy your files from HW3 into it and commit to the version control |
| Page - Search | Create a standard form with a search field and button that will post the form values to SearchResults.php and search for an existing user in the application and return matching results to the screen |
| Search – Ajax | Using the XMLHttpRequest object, create a page that loads the results from SearchResults.php on the page without a full page reload. |
| Search – Ajax using Jquery | Same as above, but use a preexisting javascript library. |
| Update \_createDatabase.sql | Update \_createDatabase.sql due to insert of 2000 records into Users table and restructuring of Users table. |
| Package HW4 and put in VCS | Package HW4 files and commit to Version Control System. |

**Requirements: Davebook 1.0**

Required:

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| --- | --- |
| Required Functionality | Description |
| MySQL DB & Tables | Tables: Users, Messages, Relationships. |
| Page – Login | This is the index of the site and allows existing members to login using their Username and Password or new members to sign-up (link to sign-up page). Upon successful login the page automatically redirects to viewing the member’s profile. |
| Page – Sign-Up | New members can join Davebook by creating a Username and a Password and confirming the Password. Upon successful registration a “success” message will display along with a link back to the Login page. |
| Page – View My Profile | This is the Home Page for the logged in member. It contains the member’s profile information, a link to edit the members profile information, a list of the member’s friends, a link to a “My Friends” page, the ability to create and post a message, and a message “stream” displaying the member’s messages and their friend’s messages. |
| Page – Edit My Profile | Ability to update profile information. |
| Page – All Users | Display a list of all members. |
| Page – My Friends | Display a list of logged in members friends. |
| Menu – Navigation | Contains “My Profile”, “View All Users”, and “Log Out”. |
| Add Friend | Link on All Users page that adds member to logged in users friends. |
| List Friends | List logged in users friends. |
| Remove Friend | Link on My Friends page that removes member from logged in members friends. |
| Post Message to Stream | Allows logged in user to post message. |
| View Your Messages | Allows logged in user to view their messages. |
| View Friends Messages | Allows logged in user to view their friends messages. |
| At Least 7 Users | At least 7 users should exist in SQL script that creates database and tables. |
| At Least 2 Relationships | At least 2 relationships should exist in SQL script that creates database and tables. |
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Optional:

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| Optional Functionality | Description |
| Page – Search By Name | Search result includes link to member(s) profile. |
| Filter Message Stream | Option to filter your message stream. |
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