**User Stories**

* Story points: in hours
* Priority: Low, Low-medium, medium, medium-high, high

Epic Stories

1. As a user, I want to be able to create and log into my own account.
2. As a user, I would like to be able to manage my habits.
3. As a user, I want to be able to track my habits.
4. As a user, I want to view the progress I’ve made with my habits.
5. As a user, I would like to manage the administrative details of my account.
6. As an admin, I want to be able to manage the accounts made across the system.

User Stories

E1) As a user, I want to be able to create and log into my own account.

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| ID | US1 |
| User story | As a user, I want to be able to **create a new account** so that I can use the habit tracker tailored towards my own wants. |
| Acceptance criteria | * User that isn’t logged in has access to a form to create account * Form: username, password, email, signup button   Validation – done by backend   * Username >= 4 characters (letters and numbers only) + cannot be existing username in database * Password >= 4 characters (non-white-space characters) * Email - standard email format * All fields cannot be empty or contain any whitespace   Signup Button   * Once clicked, does the form validation. * If validation is successful, user details is displayed, and user is directed to login with their new account details. * If validation is unsuccessful, an error message is shown |
| Priority | High |
| Story points | 3 |

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| ID | US2 |
| User story | As a user, I want to be able to **log into my account** so that I can start tracking my habits. |
| Acceptance criteria | * User that isn’t logged in has access to a login form, * Form: username, password, login button   Validation – done by backend   * Fields are empty or only contain whitespace – ‘fields cannot be empty’ * Invalid username or password – ‘username or password is invalid’   Login Button   * If form is invalid – display relevant error message * If form valid – redirect user to their home page |
| Priority | High |
| Story points | 2 |

E2) As a user, I would like to be able to manage my habits.

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| ID | US3 |
| User story | As a user, I want to be able to **create a new habit** to track so that I can be more conscious of my process of improving my habits. |
| Acceptance criteria | * Logged in user has access to a create new habit form * Form: habit name, submit button   Validation   * Cannot be empty/only contain whitespace   Submit button   * Displays error message if form validation unsuccessful * Otherwise if successful, habit list is updated and user allowing user to track the habit. |
| Priority | Medium-High |
| Story points | 2-3 |

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| ID | US4 |
| User story | As a user, I want to be able to **remove a habit** so that I can have clearer focus on the habits I wish to improve upon. |
| Acceptance criteria | * Logged in user has access to a remove habit button * Button displays their list of habits * User can choose which habit to remove * Habit chosen is removed from the habit list |
| Priority | Medium |
| Story points | 1-2 |

E3) As a user, I want to be able to track my habits.

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| ID | US5 |
| User story | As a user, I want to be able to **check off a habit** I’ve completed on the current date. |
| Acceptance criteria | * A user can view the current status of their habits on the current day * A user can check off a habit * After checking it off, the status of the habit is updated to show that the habit has been checked off. |
| Priority | High |
| Story points | 2-3 |

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| --- | --- |
| ID | US6 |
| User story | As a user, I want to be able to **uncheck a habit** so that I can do a potential mistake. |
| Acceptance criteria | * A habit that has been checked off can be unchecked off |
| Priority | Medium |
| Story points | 1 |

E4) As a user, I want to view the progress I’ve made with my habits.

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| --- | --- |
| ID | US7 |
| User story | As a user, I want to **see the current streak** that I have with my current habits so that I can feel good about my consistency. |
| Acceptance criteria | * Near every habit, a streak counter can be seen. * Streak updates whenever the habit is checked off or unchecked. |
| Priority | Medium |
| Story points | 1-2 |

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| --- | --- |
| ID | US8 |
| User story | As a user, I want to **view a progress char**t to see when I have completed my habits since its creation so I can get an overall picture of the progress I am making. |
| Acceptance criteria | * User has option to view a chart (of years/days/months), highlighting the days in which the user has executed the habit, |
| Priority | Medium |
| Story points | 2-3 |

E5) As a user, I would like to manage the administrative details of my account.

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| --- | --- |
| ID | US9 |
| User story | As a user, I want to be able to **change my email** so that I can make sure that my account is associated with the email I’m currently using, |
| Acceptance criteria | * Logged in user has option to change their email through a form * Form: email, submit button   Validation   * Cannot be empty field/contain any whitespace * Cannot be the same email * Must be in valid email format   Submit   * Upon success, notifies user that email has been changed * Upon failure, notifies user of the error that has occurred. |
| Priority | Low |
| Story points | 1-2 |

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| --- | --- |
| ID | US10 |
| User story | As a user, I want to be able to **change my password** so that I improve the security of my account. |
| Acceptance criteria | * Logged in user has option to change password through form * Form: password, submit button   Validation   * Cannot be empty field/contain any whitespace * Cannot be same password * Must be >= than 4 characters   Submit   * Upon success, notified user that password has been changed * Upon failure, notifies user of error that has occured |
| Priority | Low |
| Story points | 1-2 |

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| ID | US11 |
| User story | As a user, I want to be able to **delete my account** so that I can maintain my privacy in the scenario that I don’t wish to use this service anymore. |
| Acceptance criteria | * Logged in user has option to remove their account * Form: password   Validation   * Password cannot be empty/only contain whitespace * Password must match the password of their account   Submit   * Upon success, user is logged out, account is deleted and user is notified * Upon failure, user is shown relevant error message |
| Priority | Low |
| Story points | 1-2 |

E6) As an admin, I want to be able to manage the accounts made across the system

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| ID | US12 |
| User story | As an administrator, I am able to **view a list of user accounts** on the system so that I can get an idea of my websites usage. |
| Acceptance criteria | * Logged in admin can view list of users that are registered with website. * Next to each user shows basic information – name, email + last active |
| Priority | Low-medium |
| Story points | 2-3 |

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| ID | US13 |
| User story | As an administrator, I want to be able to **remove accounts** on the system so that in the instance that a user has abused the TOS, the user can be suspended. |
| Acceptance criteria | * Next to each account in the account list, is a remove option. * If option is submitted, account is removed and admin is notified. |
| Priority | low |
| Story points | 1-2 |