

User Manual

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Contents

0.1 Front-end

0.1.1 React components

- App.js: Head of the props chain.
- Auth.js: Authentication.
- Dashboard.js: Dashboard page.
- Goal.js: AJAX getters and setters on client-sides for goals.
- Landingpage.js: Initial viewing page for all users.
- Motivational.js: Handles Inspire Me button.
- ReflectionQuestion.js: Handles user-submitted reflections in response to displayed questions, extension data. Renders table that forces user to log progress.
- Selfreflection.js: AJAX client-end getters and setters for reflections.
- Settings.js: Handles all client-end functions for settings related data-userID, username, blacklisted urls, settings, etc.
- Sidebar.js: Renders side menu to screen.
- Site.js: Renders date.
- Stat.js: Uses recharts to visualize extension data.
- Subgoal.js: AJAX getters and setters on client-sides for subgoals.

0.1.2 Middleware

- AuthService.js: Handles authentication related middleware functions: getters and setters for tokens, logging in, etc.
- QuestionSets.js: Dummy questions.
- SettingsUtil.js: AJAX getter templates.

0.1.3 Miscellaneous

- customjQuery.js: Handles collapsible features.
- index.js: Gateway, React-GA.

0.2 Back-end

0.2.1 Controllers

- `getAllUsers`: Obtains all users from the User Schema.
- `getSingleUser`: Obtains specific user from User Schema.
- `getSettings`: Obtains specific user from User Schema, and subsequently obtains settings for that specific user from the Setting Schema.
- `getBlacklist`: Obtains list of blacklisted websites.
- `getExtension`: Obtains specific user from User extension, and using the specific user id, gets Extension data from Extension Schema for that user.
- `getReflections`: Obtains reflections from Reflection Schema.
- `getAllGoals`: Obtains all goals for given user.
- `getSingleGoal`: Obtains single goal for given user.
- `getSubGoals`: Obtains all subgoals for given goal.
- `getSingleSubgoal`: Obtains specific subgoal for given goal.
- `postUser`: Inserts new user, with requisite parameters, into User Schema.
- `postSettings`: Inserts new settings for specific user, with requisite parameters into Setting Schema.
- `postBlackList`: Inserts new blacklisted website into Url Schema.
- `postReflectionId`: Inserts new specific reflection by id into Reflection Schema.
- `postSingleGoal`: Inserts new individual goal into Goal Schema for specific User.
- `postSubGoal`: Inserts new individual subgoal into Subgoal Schema for specific Goal.
- `removeSubGoal`: Destroys specific individual subgoal in Subgoal Schema.
- `removeSingleGoal`: Destroys specific individual goal in Goal Schema.
- `removeBlackList`: Destroys all blacklists with given id.
- `updateUser`: Change daily goal for a given user.
- `updateUsername`: Change username for a given user.
- `updateSettings`: Change settings for a given user.
- `updateSubgoal`: Change given subgoal.

- updateSingleGoal: Change given goal.
- updateBlacklist: Change blacklisted website.
- upsertExtension: Update and insert new extension data for given user.

0.2.2 Notifications

Handles server-end email notifications to users using nodemailer.

- emailNotification.js: Using an html template, send email to user periodically via Cron scheduling.
- emailTemplate.html: The aforementioned email template.
- send-sms.js: Handles texting with confidential account ids. Also uses cron.