Prototype Walkthroughs

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Prototyping Approach

This prototype walkthrough serves as a document expanding on the implementation for our website. Our team decided to go with an evolutionary prototyping approach. We chose to begin our system with requirements/features that we knew we could implement quickly, which fits within the definition of evolutionary prototyping. Our group felt that this would be the most efficient for us going forward since we could get the easier tasks out of the way before we got into the more complicated features. The more complicated features would be more time consuming and prove less beneficial for us to plan out at this stage, and by getting the parts we knew first we give ourselves more time on our more poorly understood concepts for the future.

Horizontal Prototype

The horizontal prototype serves as a broad view of what the overarching system will look like from a purely higher level, client side aspect. This means that throughout the horizontal prototype, the program's graphical user interface will be highlighted instead of taking a look at lower level system functionality. The following features will be shown: Home Page, Login/Create Account, and the dashboard. The features will help us with the confirmation of user interface requirements and confirm the scope of our system. They will also assist us in determining the preliminary development time that we may need in order to complete a successful project. The system presented here is a work in progress and as such is subject to change.

Login/Signup:

Register

First name

Enter your first name

Last name

Enter your lastname name

Email address

Enter email

Password

Password

Register!

- Users enter their information (name, address password) and register to our website to become a member
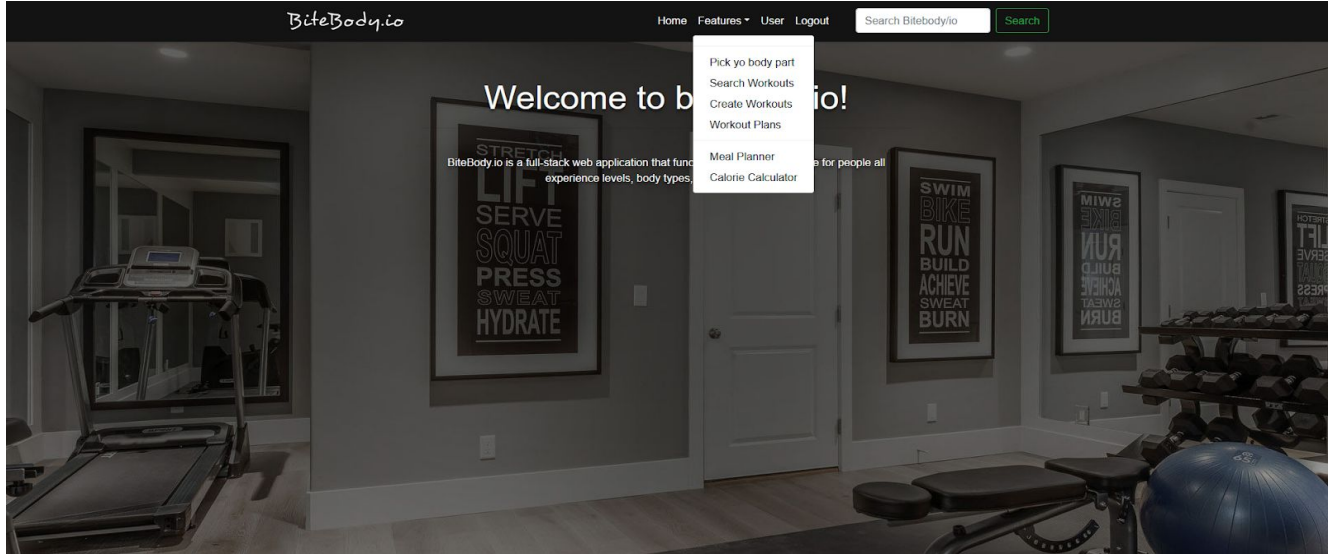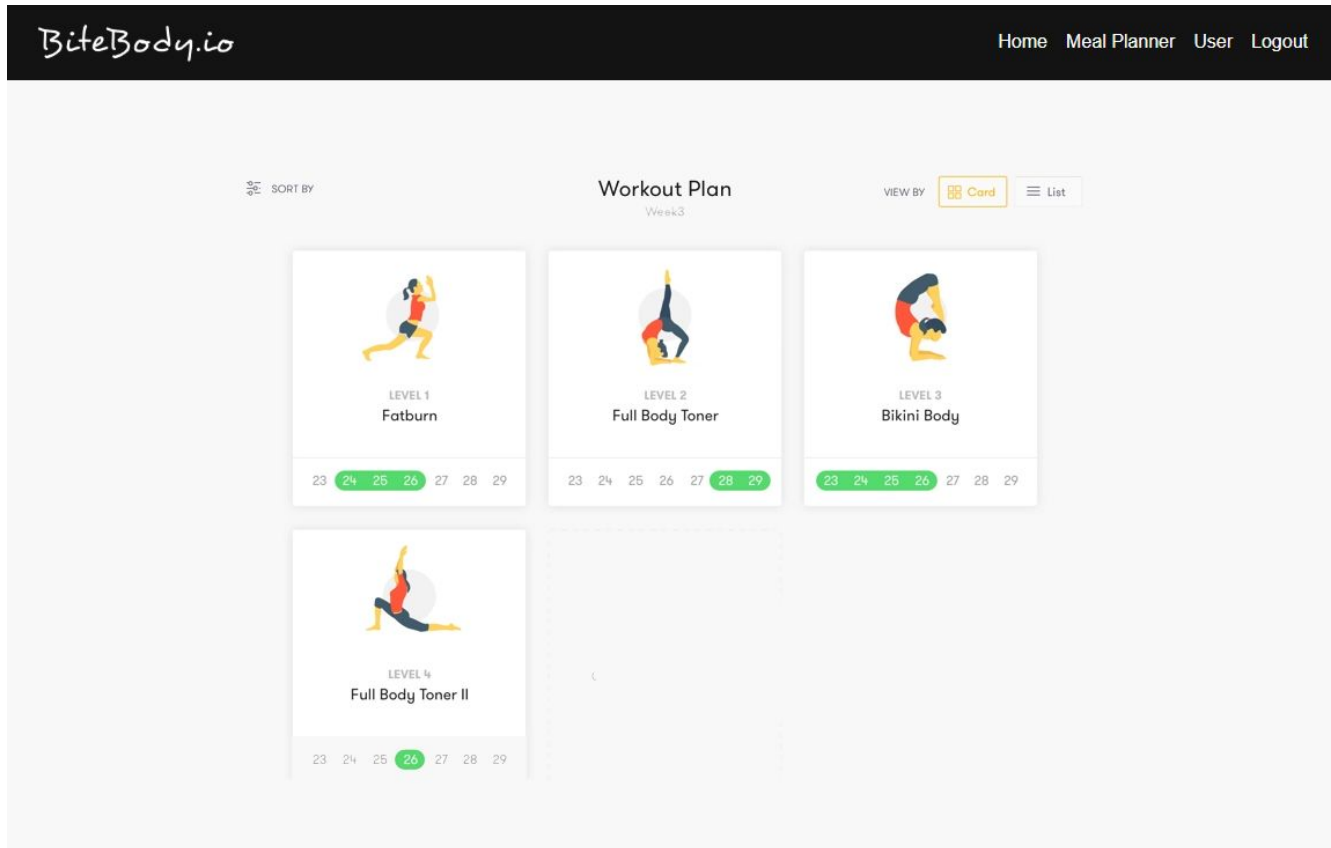

Please sign in

Email address

Enter email

Password

Password

Sign in

- Users that have been registered and are in the database enter their credentials and enter the web app

Home Page:

- This is the home page that everyone can access. Users must be signed in to access the feature dropdown.

Workout Navigation:

- Users have the option to search through workouts to pick what they prefer or what they are interested in.

Profile
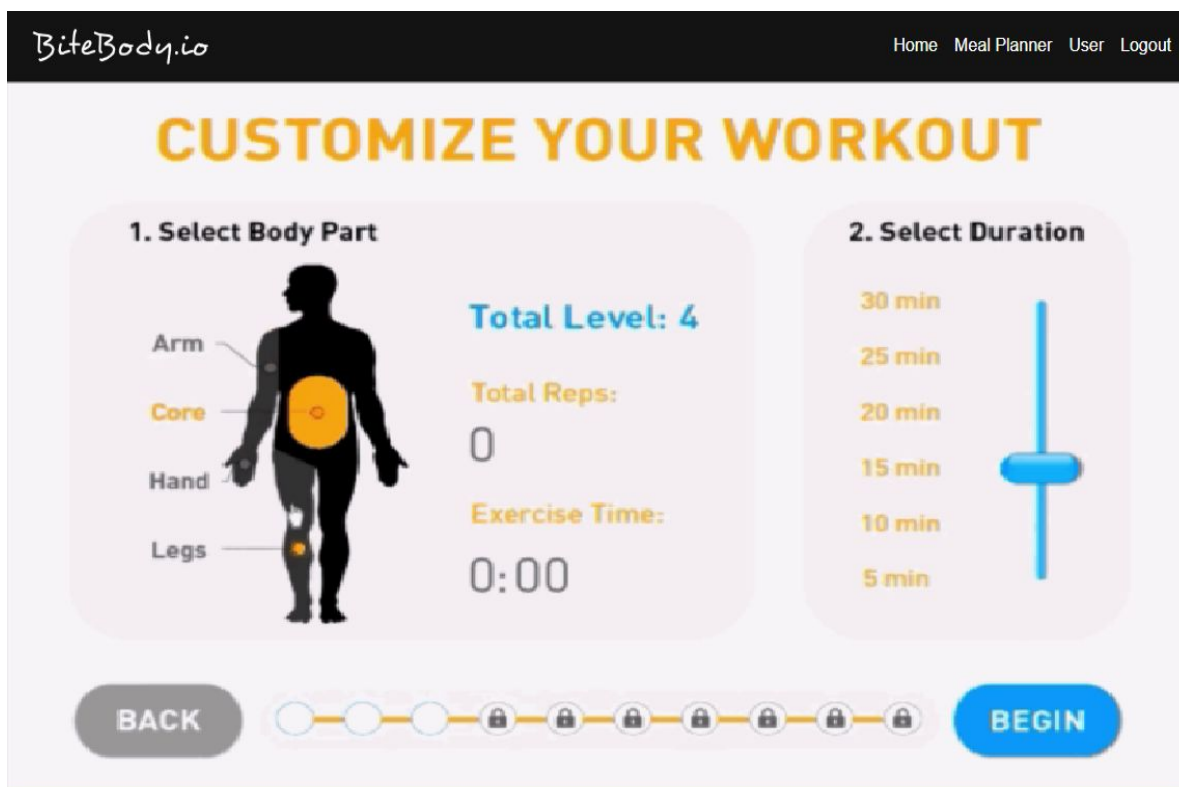
- Users will be able to add an image to their profile and (in future versions) be able to customize their profile and add their interests and an about me.

Vertical Prototype

The vertical prototype serves as a demonstration of a single complete feature. This section outlines the design and function three of BiteBody's features. We have selected the following: meal planner, search for workout, and admin panel to focus on when it comes to our vertical prototype. The reason for our selections are due to these being more related to our system's performance, complexity, and functionality. Through these three features, our group hopes to elaborate on each one we have selected. As the former section for horizontal prototype stated, these features are not set in stone and are all subject to change or modification.

Create a workout

- Users will select an area of their body that they would like to workout and improve.
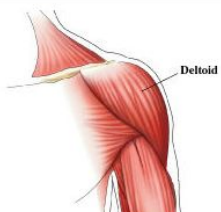
Pick Your Body Part

- Once an area of the body is selected users can then pick and chooses exercises that they would like to perform.

- Users are educated on how to perform the exercises they are presented with.

Create a meal plan

- User can create a meal plan based on diet preferences and calorie count.

Admin Panel
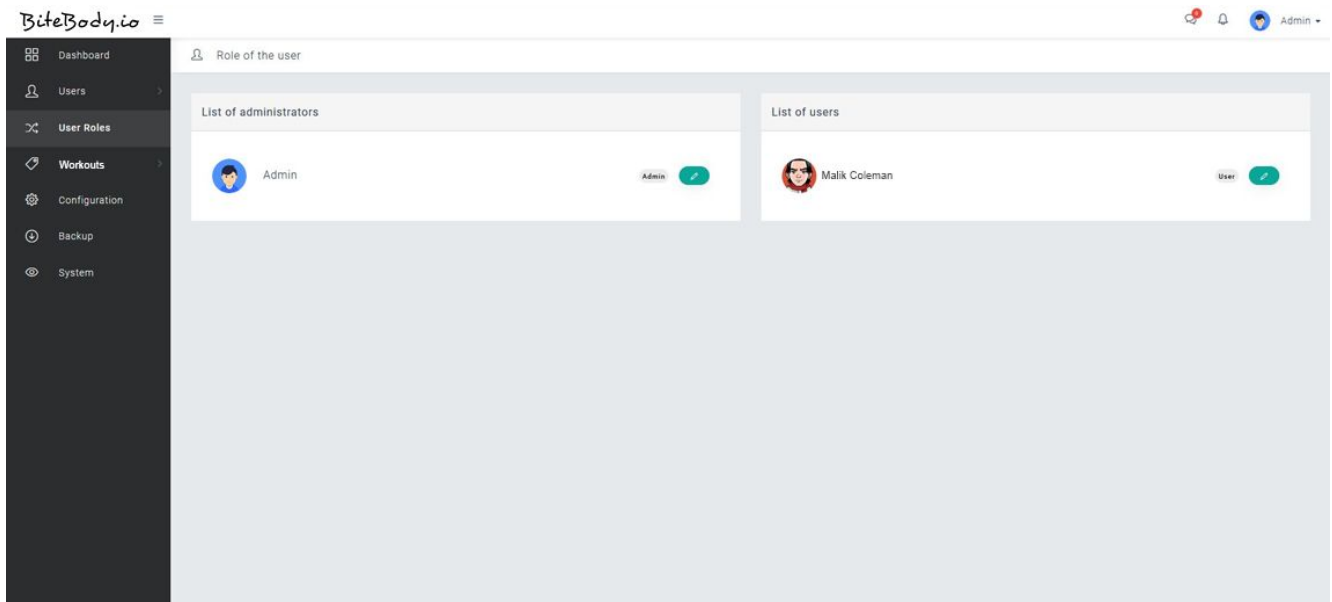
CRUD Database

ID	First	Last	Email	Phone	Location	Hobby	Actions
35	Jane	Smith	js@gmail.com	503-555-5555	Portland, Oregon	Photography	Edit Del
36	Tristan	Rodriguez	tr@gmail.com	201-555-5555	New York, New York		Edit Del
37	Andrea	Jones	aj@gmail.com	503-555-5555	Portland, Oregon	Programming	Edit Del
38	Elliott	Richardson	er@gmail.com		Boise, Idaho		Edit Del
39	June	Bug	jb@gmail.com			Cooking	Edit Del

Download CSV   Add Item

- Admin login that can display possible options and accounts. Included CRUD operations that can be performed by the admin for editing database.