

# Control Budget Website

---

## A Synopsis

### Objective/ Aim:

This project aims at developing a simple expense manager responsive website that can be used by all for tracking their expenses accordingly. The website can be used to plan out the expenses for a group of people. The user can add the initial budget for the expenses and give it a title accordingly. Further, the user can also add bills under the given budget and track her expenses accordingly.

### Software Requirements:

- Operating System: Windows 10
- Web Technologies: Html, php, CSS, Bootstrap
- Web Server: Wampserver
- Database: MySQLi
- Software: NetBeans IDE , phpMyAdmin

### Navigation Structure:

The website contains the following navigation structure.

#### 1. Index Page

- *Start Today* button
- Navigation Bar
  - 1) About us link
  - 2) Sign up link
  - 3) Login link

## 2. Sign up Page

- Registration Form
  - 1) Name field
  - 2) Email field
  - 3) Password field
  - 4) Phone number field

## 3. Login Page

- Login form
  - 1) Email field
  - 2) Password field

## 4. About Us Page

- Contact details
- Information about developers and website

## 5. Home Page

For logged out user

- Panel having portal for creating new plan

For logged in user

- Panels showing existing plans
  - 1) Title of the plan
  - 2) Budget
  - 3) Date
- Navigation Bar
  - 1) About us link
  - 2) Change password link
  - 3) Log out link

## 6. Create New Plan Page

- Form to create new plan
  - 1) Initial budget of plan
  - 2) Number of people

## 7. Plan Details Page

- Form to fill form details
  - 1) Title
  - 2) Starting date

- 3) Last date
- 4) Initial budget
- 5) Number of people
- 6) Name field for each person

## 8. View Plan Page

- Panel showing plan details
  - 1) Title
  - 2) Initial budget
  - 3) Remaining amount
  - 4) Date
- Expense Distribution button - To open *Expense Distribution Page*
- *Add New Expense* form
  - 1) Title of expense
  - 2) Date
  - 3) Amount spent
  - 4) Select name field
  - 5) Portal for uploading bill
- Panel showing expenses if exist
  - 1) Title
  - 2) Amount spent by person
  - 3) Person name
  - 4) Date of transaction
  - 5) Link to the bill

## 9. Expense Distribution Page

- Panel showing expense details
  - 1) Title of plan
  - 2) Initial budget
  - 3) Amount spent by each individual
  - 4) Total amount spent
  - 5) Remaining amount
  - 6) Individual shares
  - 7) Amount each person owes or gets back

## 10. Change Password Page

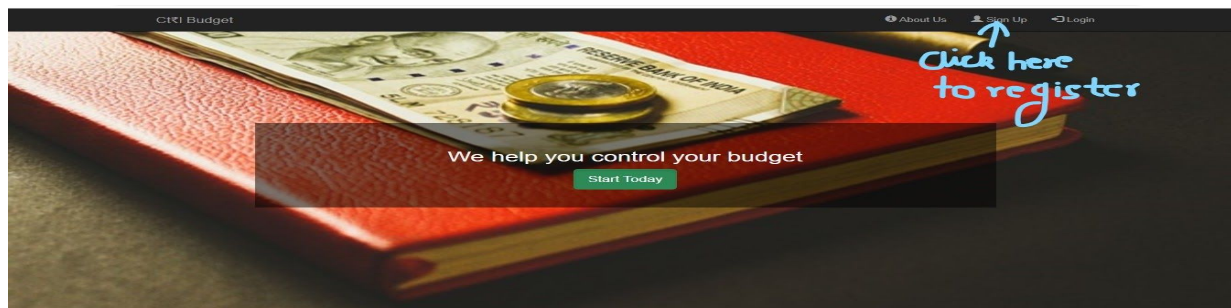
- Form to reset password
  - 1) Old password field
  - 2) New password field
  - 3) Confirming new password field

## Functional Description:

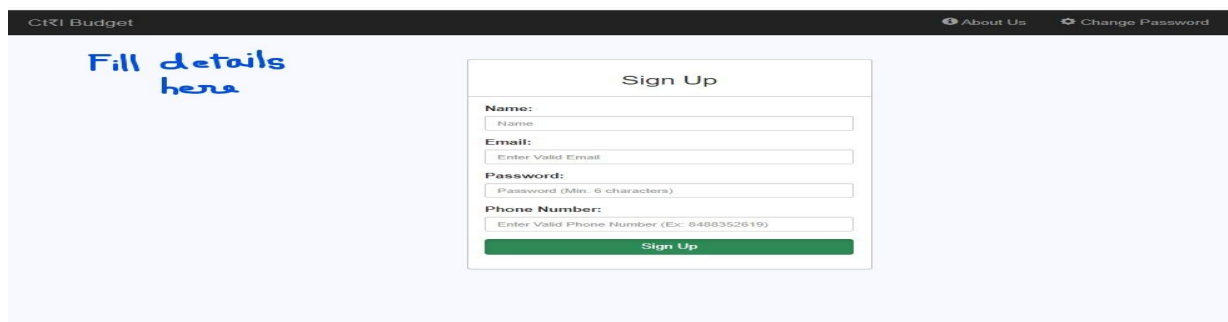
- Everybody has access to the Index page. Registration is offered.
- Logged in users can create plans, add friends, view plan details, add expenses, upload bills, analyse individual shares and change passwords.

## Guidelines for new users

### Index Page



### Signup Page

A screenshot of the CBT Budget website's signup page. The background is light blue. On the left, there is handwritten blue text that says "Fill details here". On the right, there is a white "Sign Up" form with the following fields: "Name:" with a text input field; "Email:" with a text input field and the placeholder "Enter Valid Email"; "Password:" with a text input field and the placeholder "Password (Min. 6 characters)"; and "Phone Number:" with a text input field and the placeholder "Enter Valid Phone Number (Ex: 6468352619)". A green "Sign Up" button is at the bottom of the form. The top navigation bar includes "CBT Budget", "About Us", and "Change Password".

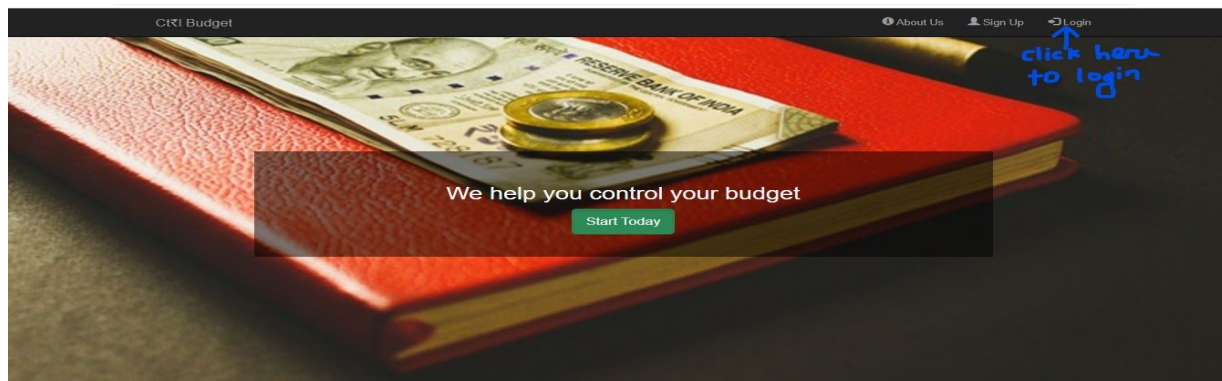
## Home Page



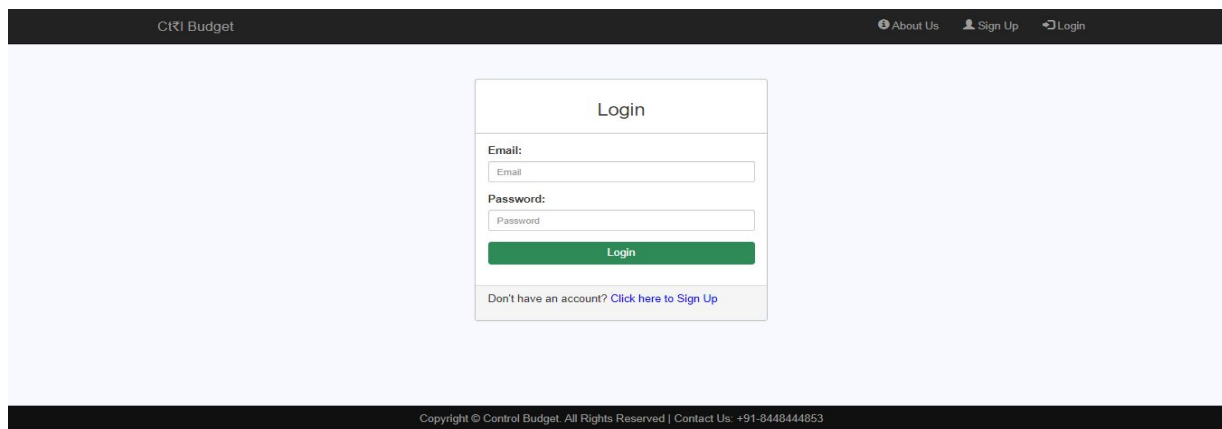
## Guidelines for registered users

For logged out users

## Index Page



## Login Page



For logged in users

## Home Page

The screenshot shows the 'CTR Budget' home page. At the top, there is a dark navigation bar with the logo 'CTR Budget' and links for 'About Us', 'Change Password', and 'Logout'. Below the navigation bar, the main content area is titled 'Your plans'. It displays two plan cards: 'Trip to Goa' with a budget of ₹4000 and dates from 02nd Mar to 11th Mar 2019, and 'Trip to Manali' with a budget of ₹400 and dates from 02nd Apr to 22nd Apr 2019. Each card has a 'View Plan' button. To the right of the cards, there is a handwritten note in blue ink that says 'click here to create new plan' with an arrow pointing to a green circular button with a white plus sign. At the bottom of the page, there is a dark footer bar with the text 'Copyright © Control Budget. All Rights Reserved | Contact Us: +91-8448444853'.

## Create New Plan Page

The screenshot shows the 'CTR Budget' 'Create New Plan' page. The page has a dark navigation bar with the logo 'CTR Budget' and links for 'About Us', 'Change Password', and 'Logout'. The main content area is titled 'Create New Plan'. It contains a form with the following fields: 'Initial Budget' (with a placeholder 'Initial Budget (Ex: 4000)'), 'How many people you want to add in your group?' (with a placeholder 'No. of people'), and a 'Next' button.

## Plan Details Page

The screenshot shows the 'CTR Budget' 'Plan Details' page. The page has a dark navigation bar with the logo 'CTR Budget' and links for 'About Us', 'Change Password', and 'Logout'. The main content area contains a form with the following fields: 'Title' (with a placeholder 'Enter Title (Ex: Trip to Goa)'), 'From' (with a date picker), 'To' (with a date picker), 'Initial Budget' (with a placeholder '4000'), 'No. of people' (with a placeholder '2'), 'Person 1' (with a placeholder 'Person 1 Name'), 'Person 2' (with a placeholder 'Person 2 Name'), and a 'Submit' button.

## View Plan Page

CRI Budget

About Us

Change Password

Logout

Trip to Manali

Budget

₹400

Remaining Amount

₹300

Date

02nd Apr-22nd Apr 2019

Expense Distribution

My First Expense

Amount

₹100

Paid by

Priya Pal

Paid on

02nd Apr-2019

Show Bill

Add New Expense

Title

Expense Name

Date

04/dd/2019

Amount Spent

Amount Spent

Choose

Upload Bill

## Add New Expense Page

CRI Budget

About Us

Change Password

Logout

Date

02nd Apr-22nd Apr 2019

My First Expense

Amount

₹100

Paid by

Priya Pal

Paid on

02nd Apr-2019

Show Bill

Add New Expense

Title

Expense Name

Date

04/dd/2019

Amount Spent

Amount Spent

Choose

Upload Bill

Choose File

No file chosen

Submit

## Expense Distribution Page

CRI Budget

About Us

Change Password

Logout

Trip to Manali

Initial Budget

₹400

Priya Pal

₹100

Manisha Singh

₹0

Total Amount Spent

₹100

Remaining Amount

₹300

Individual Shares

₹50

Priya Pal

Gets back ₹50

Manisha Singh

Owes ₹ 50

Go back

## Change Password Page

Change Password

Old Password:

New Password:

Confirm New Password:

Change

## Project Work:

### Coding part

The project contains following coding files -

- CSS folder - Contains all the images used in project.
  - 1) index.css - Contains styling elements of website.
- Includes folder - Contain code files which are common in other files.
  - 1) header.php - Contains code for navigation bar.
  - 2) footer.php - Contains code for footer of pages.
  - 3) duration.php - Contains function to change format of date.
- index.php - This file contains code for *index page*.
- home.php - This file contains code for *home page*.
- about\_us.php - This file contains code for *about us page*.
- signup.php - This file contains code for *sign up page*.
- signup\_script.php - This file has a script to save data in database and backend validations for sign up form.
- login.php - This file contains code for *login page*.
- login\_submit.php - This file has script to match data from database and backend validations for login form.
- create\_new\_plan.php - This file contains code for *create new plan page*.



- plan\_details.php - This file contains code for *plan details page*.
- plan\_submit.php - This file has a script to save data in database for plan details form.
- view\_plan.php - This file contains code for *view plan page* and *add new expense page*.
- view\_plan\_submit.php - This file has a script to save data in database for add new expense form.
- bill.php - This file contains code for showing uploaded bill.
- expense\_distribution.php - This file contains code for *expense distribution page*.
- change\_password.php - This file contains code for *change password page*.
- change\_password\_script.php - This file has a script to change password, save it in the database and backend validations for change password form.
- logout.php - Contains code to logout by destroying current session.

### Database

- Name of data base - budget
- Use - Data collected from all the forms in website is stored in this database.
- Tables - users, users\_plan, users\_group, expense
- Table structure -
  - ❑ users (parent table) -> users\_plan (child table)
  - ❑ users\_plan (parent table) -> users\_group (child table)
  - ❑ users\_group (parent table) -> expense (child table)

### users table

id	name	email	password	contact
Primary auto_increment key	Name of registered user Type - varchar	Email of the user Type - varchar	Used md5 for encryption Type - varchar	Phone number Type - bigint

Type - integer				
----------------	--	--	--	--

## users\_plan table

id	user_id	title	start_date	end_date	initial_budget	no_of_people
Primary auto_increment key Type - integer	Foreign key Type - integer	Type - varchar	Type - date	Type - date	Type - Integer	Type - integer

## users\_group table

id	plan_id	name	total_amount_spent
Primary auto_increment key Type - integer	Foreign key Type - integer	Name of group member Type - varchar	Type - integer

## expense table

id	person_id	title	date	amount_spent	bill
Primary auto_increment key Type - integer	Foreign key Type - integer	Type - varchar	Type - date	Type - integer	Can be null Type - varchar

---