



A Project

Report On

ToDo Application

By

Hadiya Shaikh

M.E

Batch: - 2020 – 5078

Center: - Pune

Under the Guidance of,

Jayanth V.

Technical Trainer

EduBridge

(School of coding)

Introduction:

This Project **Todo Application** has been developed on **Java, JSP and MySQL**. The main purpose for developing this project Organizing your tasks with a list can make everything much more manageable and make you feel grounded. Seeing a clear outline of your completed and uncompleted tasks will help you feel organized and stay mentally focused.

As you cross items off your to-do list, you'll feel a sense of progress and accomplishment that can be missed when rushing from one activity to the next. The affirmation that you are making progress will help motivate you to keep moving forward rather than feeling overwhelmed.

Software Requirements:

Front end: Java/J2EE technologies (Servlet,JSP), HTML,
 CSS, JDBC.

Back end: MySQL.

Server: ApacheTomcatv8.5V

IDE: Eclipse IDE for Java EE Developers

Browser: Best result on Google Chrome

Operating System: Window 7

Data Dictionary:

DataBase:

```
create database demo;
```

```
use demo;
```

User:

Table name: Users

```
CREATE TABLE `users` (  
  `id` int(3) NOT NULL AUTO_INCREMENT,  
  `first_name` varchar(20) DEFAULT NULL,  
  `last_name` varchar(20) DEFAULT NULL,  
  `username` varchar(250) DEFAULT NULL,  
  `password` varchar(20) DEFAULT NULL,  
  PRIMARY KEY (`id`)  
) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4  
COLLATE=utf8mb4_0900_ai_ci;
```

```
select * from FoodItems;
```

Todo:

Table name: todos

```
CREATE TABLE `todos` (  
  `id` bigint(20) NOT NULL AUTO_INCREMENT,  
  `description` varchar(255) DEFAULT NULL,  
  `is_done` bit(1) NOT NULL,  
  `target_date` datetime(6) DEFAULT NULL,  
  `username` varchar(255) DEFAULT NULL,  
  `title` varchar(255) DEFAULT NULL,  
  PRIMARY KEY (`id`)  
) ENGINE=InnoDB AUTO_INCREMENT=8 DEFAULT CHARSET=utf8mb4  
COLLATE=utf8mb4_0900_ai_ci;
```

```
select * from User;
```

Modules and Description Of Todo Application Project:

To-do Application Module:

In this modules, some sub modules are available:

- Login
- Signup
- To-do Form
- To-do List
- Log out

I. Login:

In the below screenshots fig a.shows the Login form of Todo Application.



The screenshot displays the login interface of a web application titled "Todo App". The header is a solid blue bar with the app name on the left and "Login Signup" links on the right. The main content area has a light blue background. On the left side of this area is a vertical stack of five social media icons: Facebook (f), Twitter (bird), Google+ (G), LinkedIn (in), and YouTube (play button). The central focus is the "Login Form", which includes labels for "User Name:" and "Password:", each followed by a white input field. Below these fields are two blue buttons labeled "Submit" and "Reset". A footer bar at the bottom of the page contains the copyright notice "© 2021 Copyright: Hadiya Shaikh".

Fig a. Login Form

II. Signup:

In the below screenshots fig b. shows the User Register From

- First_name
- Last_name
- Username
- Password

The screenshot shows the 'User Register Form' in the 'Todo App'. The form is set against a light blue background. At the top, there's a dark blue header with 'Todo App' on the left and 'Login Signup' on the right. Below the header, the form title 'User Register Form' is centered. A green success message 'User Registered Successfully!' is displayed at the top of the form area. On the left side of the form, there's a vertical stack of social media icons: Facebook, Twitter, Google+, LinkedIn, and YouTube. The form fields are labeled 'First Name:', 'Last Name:', 'User Name:', and 'Password:'. Each label is followed by a text input field. The 'First Name' field contains the text 'First Name', 'Last Name' contains 'last Name', 'User Name' contains 'User Name', and 'Password' contains 'Password'. A blue 'Submit' button is located at the bottom of the form. At the very bottom of the page, a dark blue footer contains the copyright notice '© 2021 Copyright: Hadiya Shaikh'.

Fig b. User Register Form

This screenshot shows the 'User Register Form' with the same layout as the previous one. The 'First Name' field now contains 'Hadiya', 'Last Name' contains 'Shaikh', and 'User Name' contains 'hadiya200'. The 'Password' field contains a series of dots. A yellow error message box with an exclamation mark icon is displayed below the password field, containing the text: 'Please match the format requested. at least one number and one uppercase and lowercase letter, and at least 8 or more characters'. The rest of the interface, including the header, social media icons, and footer, remains the same.

Fig b(1)

Password filled must matching format if the filled matches the condition it will accept the **User Register Form**.

After that I have to Login to To-do Application then page will redirect to **Login page**.

Todo App Login Signup

Login Form

User Name:

Password:

Please match the format requested.
at least one number and one uppercase and lowercase letter, and at least 8 or more characters

© 2021 Copyright: Hadiya Shaikh

Fig c. Login Form of Password Validation

III. To-do Form

In the below screenshot shows the List of To-dos .

- Add To-do
- Show To-do

Todo App Todos Logout

List of Todos

Title	Target Date	Todo Status	Actions
-------	-------------	-------------	---------


© 2021 Copyright: Hadiya Shaikh

Fig d. List Of Todos

IV. To-do List

- **Add To-do:**

After click on Add To-do button it will open the form to add new to-dos. Fill the detail and click on save button all information will added to to-dos.



The screenshot shows the 'Add New Todo' form in the 'Todo App'. The form is titled 'Add New Todo' and contains the following fields:

- Todo Title:** A text input field with a placeholder 'Please fill in this field.' and a red border.
- Todo Description:** A text input field.
- Todo Status:** A dropdown menu with 'In Progress' selected.
- Todo Target Date:** A date input field with a placeholder 'mm/dd/yyyy' and a calendar icon.

A green 'Save' button is located at the bottom of the form. The app's header shows 'Todo App' and 'Todos', and the footer shows '© 2021 Copyright: Hadiya Shaikh'.

Fig e. Add New To-do

- **Show To-do:**

After click on Show button it will display a list of To-dos.



The screenshot shows the 'List of Todos' page in the 'Todo App'. The page has a header with 'Todo App' and 'Todos', and a footer with '© 2021 Copyright: Hadiya Shaikh'. The main content area is titled 'List of Todos' and contains two buttons: 'Add Todo' and 'Show Todo'. Below the buttons is a table with the following data:

Title	Target Date	Todo Status	Actions
Core Java	2021-03-25	true	Edit Delete
Advanced Java	2021-03-25	false	Edit Delete

Fig f. List of New To-do

- **Edit Link:**

After click on Edit link Edit To-do .Click on Save button it will save the edit data into To-do list

The screenshot shows the 'Edit Todo' form in the 'Todo App'. The form has a title 'Edit Todo' and four input fields: 'Todo Title' (containing 'Advanced Java'), 'Todo Description' (containing 'Learning Adv Java'), 'Todo Status' (a dropdown menu with 'In Progress' selected), and 'Target Date' (containing '03/25/2021'). A green 'Save' button is at the bottom. The app's header includes 'Todo App', 'Todos', and 'Logout'. A sidebar on the left contains social media icons for Facebook, Twitter, Google+, LinkedIn, and YouTube. The footer contains the copyright notice '© 2021 Copyright: Hadiya Shaikh'.

Fig g. Edit To-do

The screenshot shows the 'List of Todos' page in the 'Todo App'. The page has a title 'List of Todos' and two buttons: 'Add Todo' and 'Show Todo'. Below the buttons is a table with four columns: 'Title', 'Target Date', 'Todo Status', and 'Actions'. The table contains two rows of data. The 'Actions' column for each row contains 'Edit' and 'Delete' links. The app's header includes 'Todo App', 'Todos', and 'Logout'. A sidebar on the left contains social media icons for Facebook, Twitter, Google+, LinkedIn, and YouTube. The footer contains the copyright notice '© 2021 Copyright: Hadiya Shaikh'.

Title	Target Date	Todo Status	Actions
Core Java	2021-03-25	true	Edit Delete
Advanced Java	2021-03-25	true	Edit Delete

Fig h. New Edit To-do List

- **Delete Link:**

After click on Delete Link it will delete to-do from To-dos list.

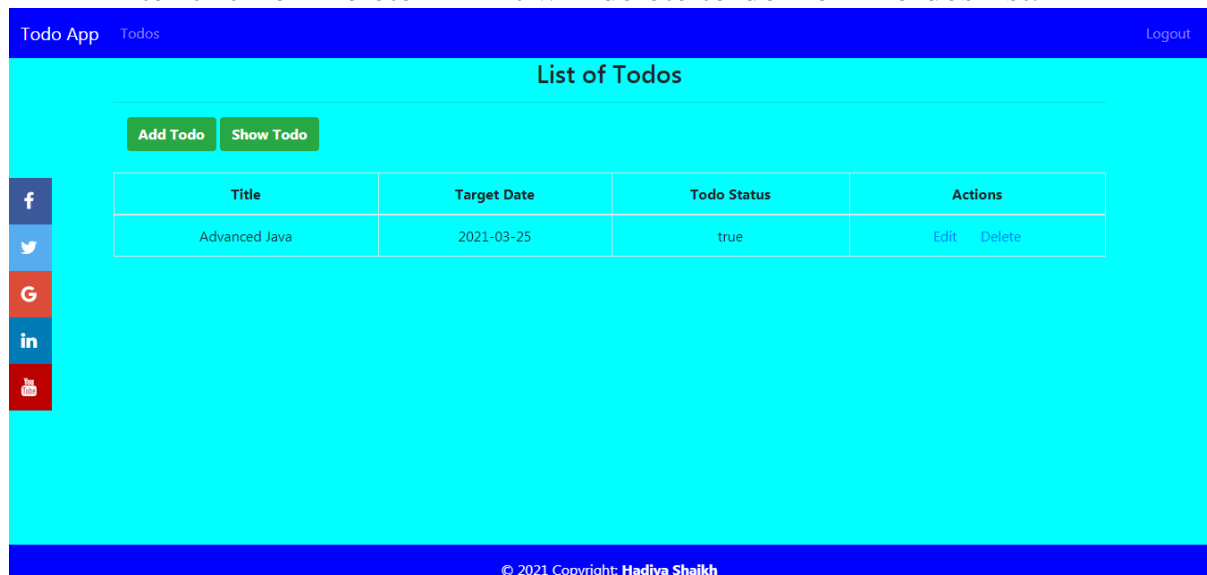


Fig i. To-do List After delete some to-do

V. **Logout**

After click on Logout it will redirect to Login Page.



Fig j. Login page

To-do Application
