

**RAJALAKSHMI ENGINEERING COLLEGE**  
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**RAJALAKSHMI**  
**ENGINEERING COLLEGE**

**CS23A34**  
**USER INTERFACE AND DESIGN LAB**

**Laboratory Observation Notebook**

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**Create storyboards to represent the user flow for a mobile app (e.g., food delivery app) using Balsamiq**

**AIM:**

The aim is to create storyboards representing the user flow for a mobile app, such as a food delivery app, using Balsamiq.

**PROCEDURE:**

**Tool Link:** <https://balsamiq.com/>

**Step 1: Define the User Flow**

**1. Identify Key Screens:**

- List the main screens your app will have (e.g., Home, Menu, Cart, Checkout, Order Confirmation).

**2. Map the User Journey:**

- Understand the typical user journey through these screens (e.g., browsing menu, adding items to cart, checking out).

**Step 2: Create Storyboards Using Balsamiq**

**1. Install Balsamiq:**

- Download and install Balsamiq from the <https://balsamiq.com/> website.

**2. Create a New Project:**

- Open Balsamiq and create a new project.

### **3. Add Wireframe Screens:**

- Use the “+” button to add new wireframe screens for each key screen in your app.

### **4. Design Each Screen:**

- Use Balsamiq's components to design the UI for each screen.
- Include basic elements like buttons, text fields, and images.

### **5. Organize the Flow:**

- Arrange the screens in the order users will navigate through them.
- Connect the screens with arrows to represent user actions.

## **Example Screens for Food Delivery App**

### **1. Home Screen:**

- Search bar for finding restaurants
- Categories for different cuisines

### **2. Menu Screen:**

- List of food items with images, names, and prices
- Add to Cart buttons

### **3. Cart Screen:**

- Items added to the cart with quantity and total price
- Checkout button

### **4. Checkout Screen:**

- Delivery address form
- Payment options
- Place Order button

### **5. Order Confirmation Screen:**

- Order summary
- Estimated delivery time

## Example Output

Here's how the wireframes might look: **Home**

### Screen

- **Search Bar:** Allows users to search for restaurants.
- **Categories:** Buttons for different cuisines (e.g., Italian, Chinese).

### Menu Screen

- **Food Items List:** Displays food items with images, names, and prices.
- **Add to Cart:** Button to add items to the cart.

### Cart Screen

- **Items Added:** Lists items added to the cart with quantity and prices.
- **Checkout Button:** Proceed to checkout.

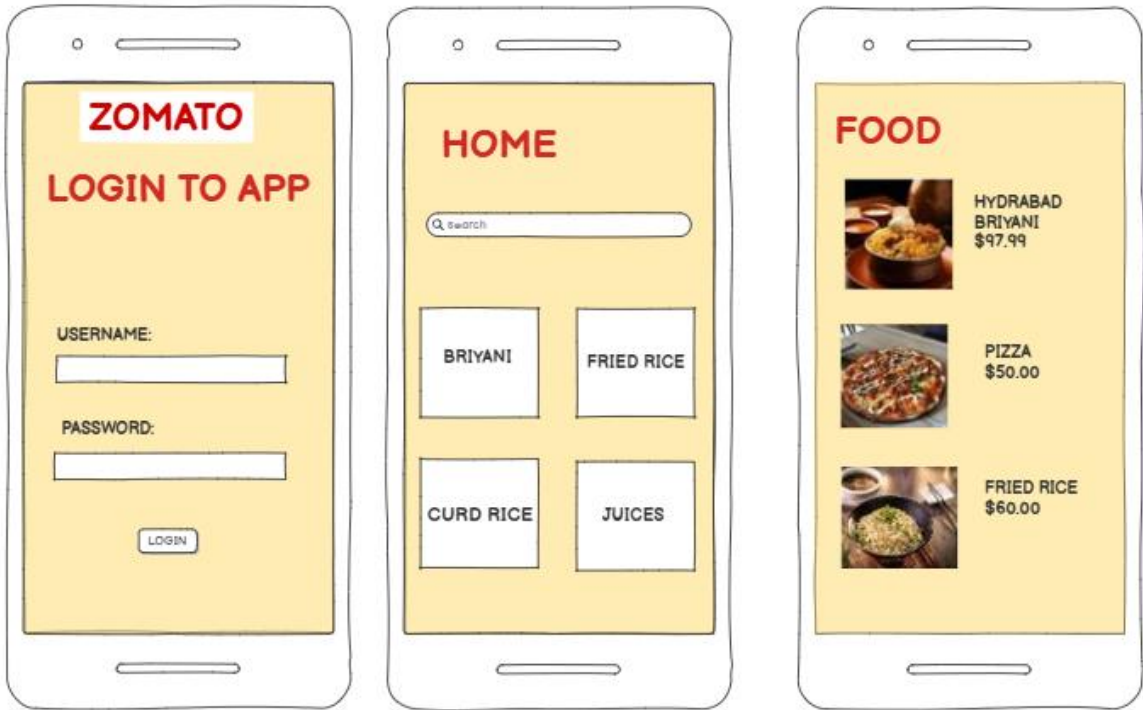
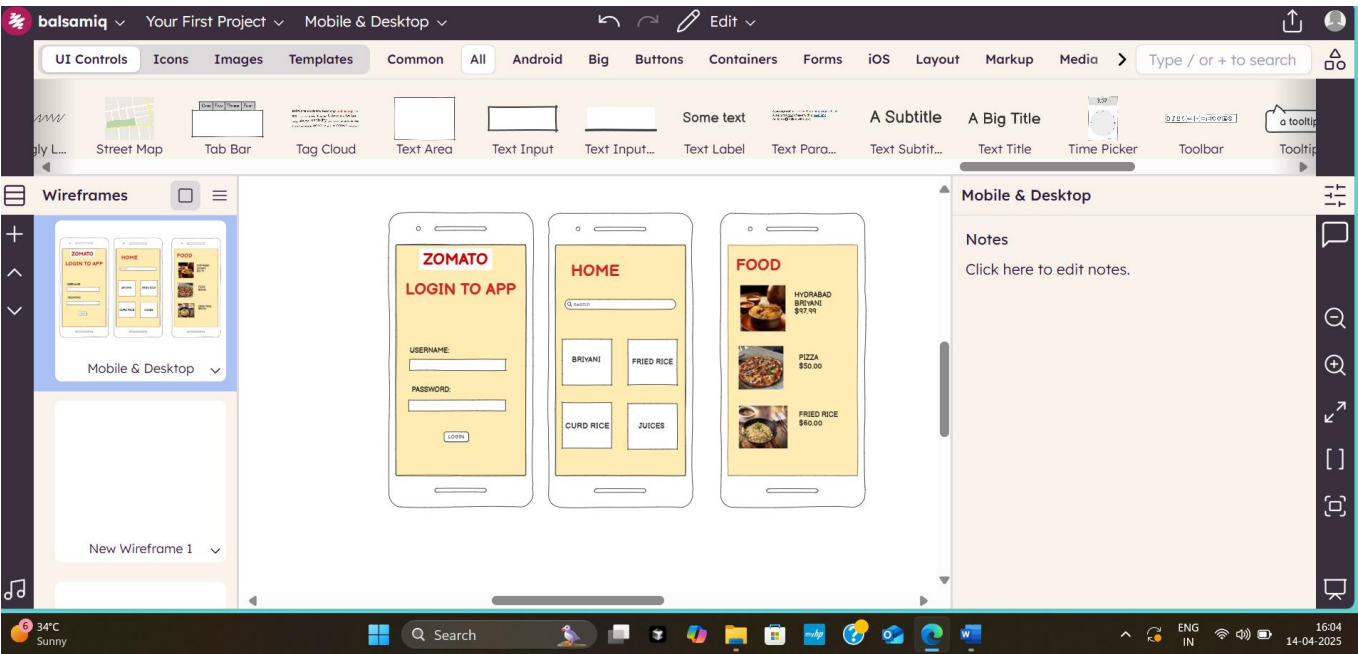
### Checkout Screen

- **Delivery Address Form:** Users enter their delivery address.
- **Payment Options:** Choose between different payment methods.
- **Place Order Button:** Finalize the order.

### Order Confirmation Screen

- **Order Summary:** Shows the order details.
- **Estimated Delivery Time:** Provides an estimated delivery time.

OUTPUT:



**RESULT:**

Hence we have created storyboards representing the user flow for a mobile app, such as a food delivery app, using Balsamiq.