

Mehran University of Engineering and Technology, Jamshoro

**CEP PROJECT REPORT**

MOBILE&APPLICATION DEVELOPMENT

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**Submitted To**

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**Real World Problem Identification:**

Planning events like parties, weddings, or business meetings involves a lot of logistics, including managing guest lists, budgeting, task assignments, and reminders. Traditionally, event planners manage these tasks across various platforms, such as spreadsheets, emails, and reminders apps, leading to scattered information and inefficiencies.

**Proposed Solution:**

The Event Planner App centralizes all event planning tasks into one mobile application, allowing users to organize guest lists, track tasks, and manage budgets efficiently.

The Event Planner App is designed to solve event management problems by providing the following features:

**Animated Splash Screen**:

The app launches with a visually engaging animated splash screen displaying the app logo and event planning elements, enhancing the user experience with a professional and attractive entry point.

**Event Dashboard**:

A main dashboard screen showcases a list of created events, each presented as a square-shaped card with an event image, name, and basic details.

Users can add new events using a floating action button (FAB). When clicked, a dialog box appears, prompting users to input details such as the event name, organizer name, and the option to upload an image.

**Event Details Screen**:

Users access the Event Details Screen upon selecting an event from the dashboard. This screen includes:

Interactive buttons for navigating guests, task, and budget management screens.

A calendar icon button next to the event date, allowing users to select and update the event date via a date picker.

A budget input field where users can specify the total budget for the event.

**Guest Management**:

The Guest Manager screen offers a search bar for finding and managing guests, with a floating action button to add new guests.

Guests are displayed with attendance indicators, showing if they are confirmed or pending, for clear and efficient management.

**Task Management**:

The To-Do List screen provides an organized view of tasks related to the event. It features a search bar for task filtering and a FAB to add new tasks.

Tasks can be marked as completed, with the UI updating to display crossed-out text and color changes, indicating their completion status.

**Budget Management**:

The Budget Screen displays the event's total budget and allows users to add transactions via a FAB.

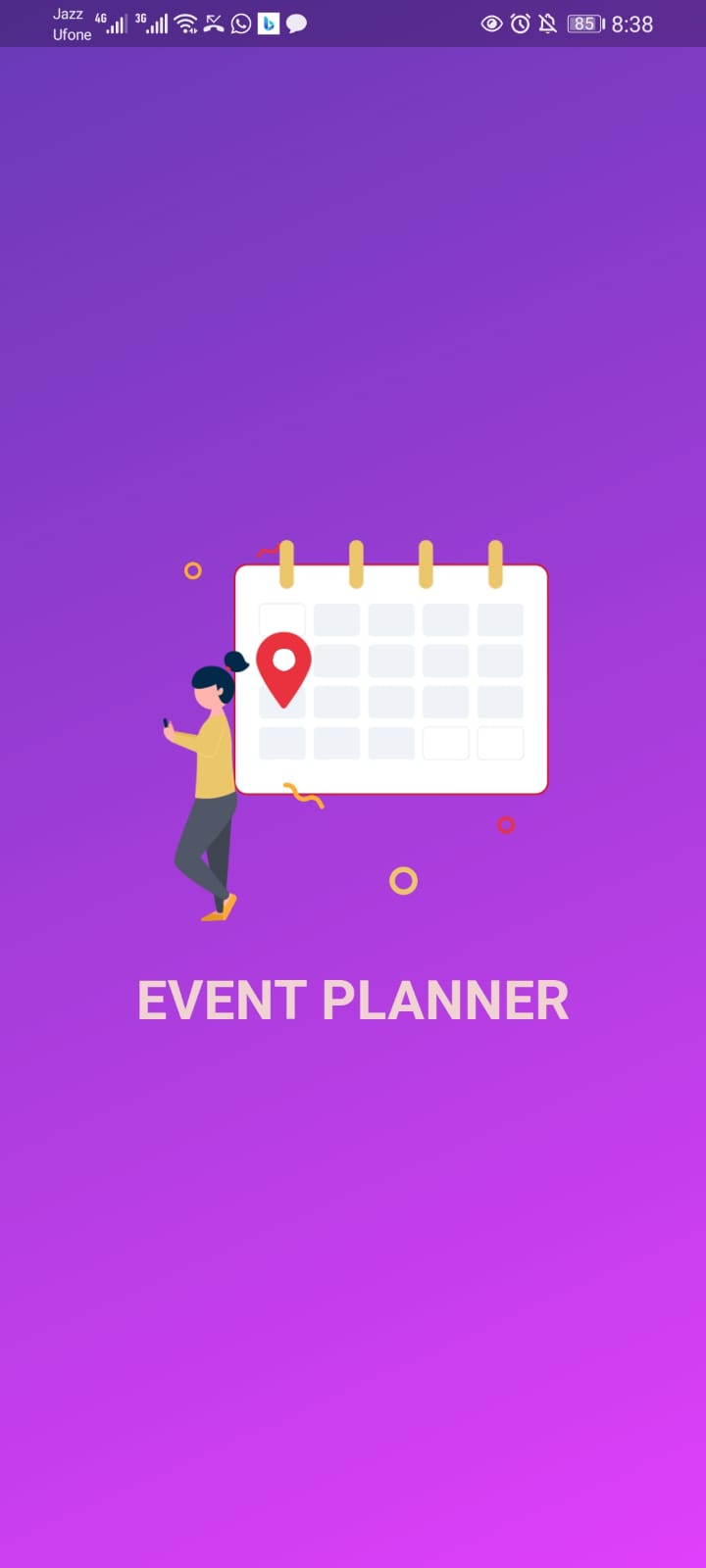
A budget input feature enables users to enter the event budget in PKR, with the screen showing the current budget status and a summary of all transactions.

**Responsive User Interface**:

The app maintains a consistent color scheme focused on purple shades, ensuring a modern and cohesive design.

UI components like FABs, input fields, and event cards are responsive, delivering an intuitive user experience on various screen sizes and devices.

**RESPONSIVE USER INTERFACE:**

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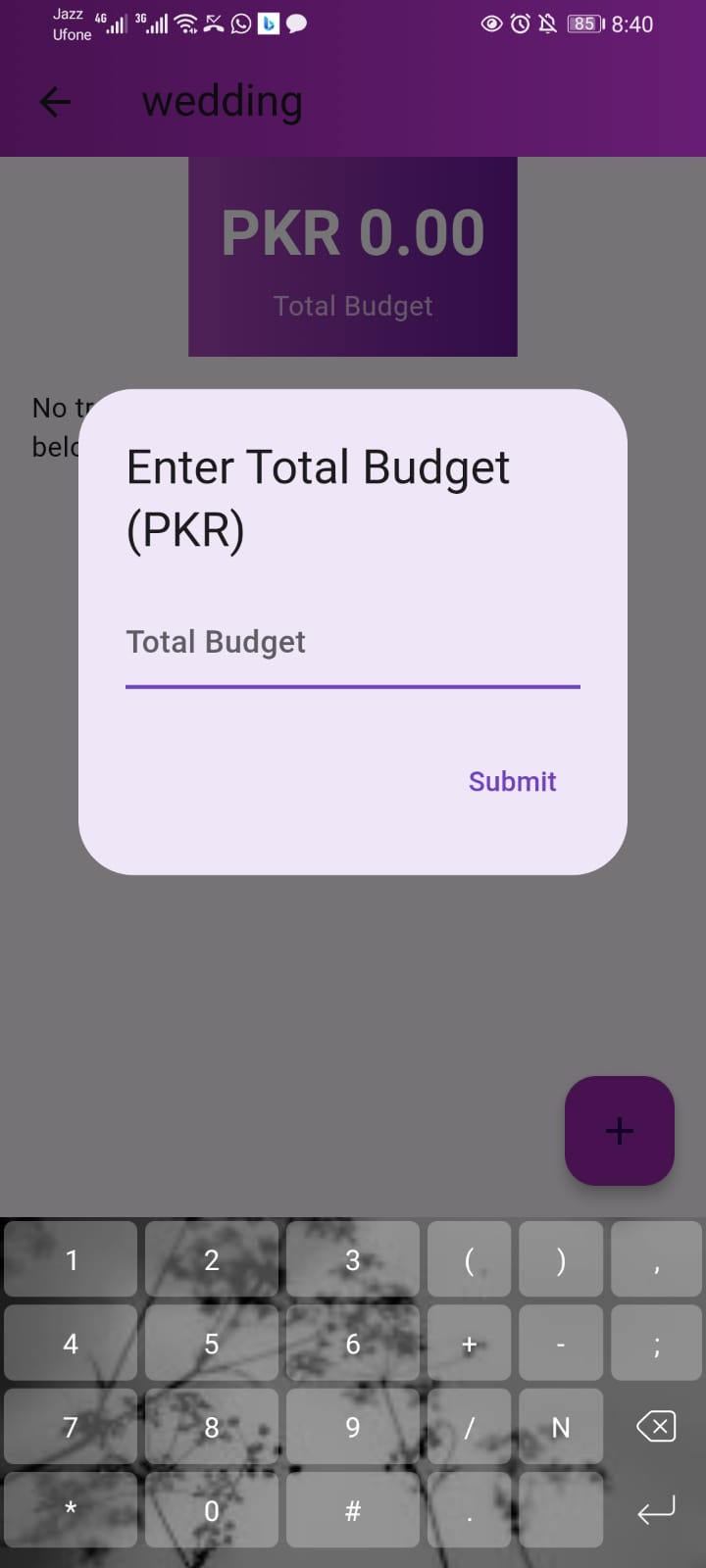
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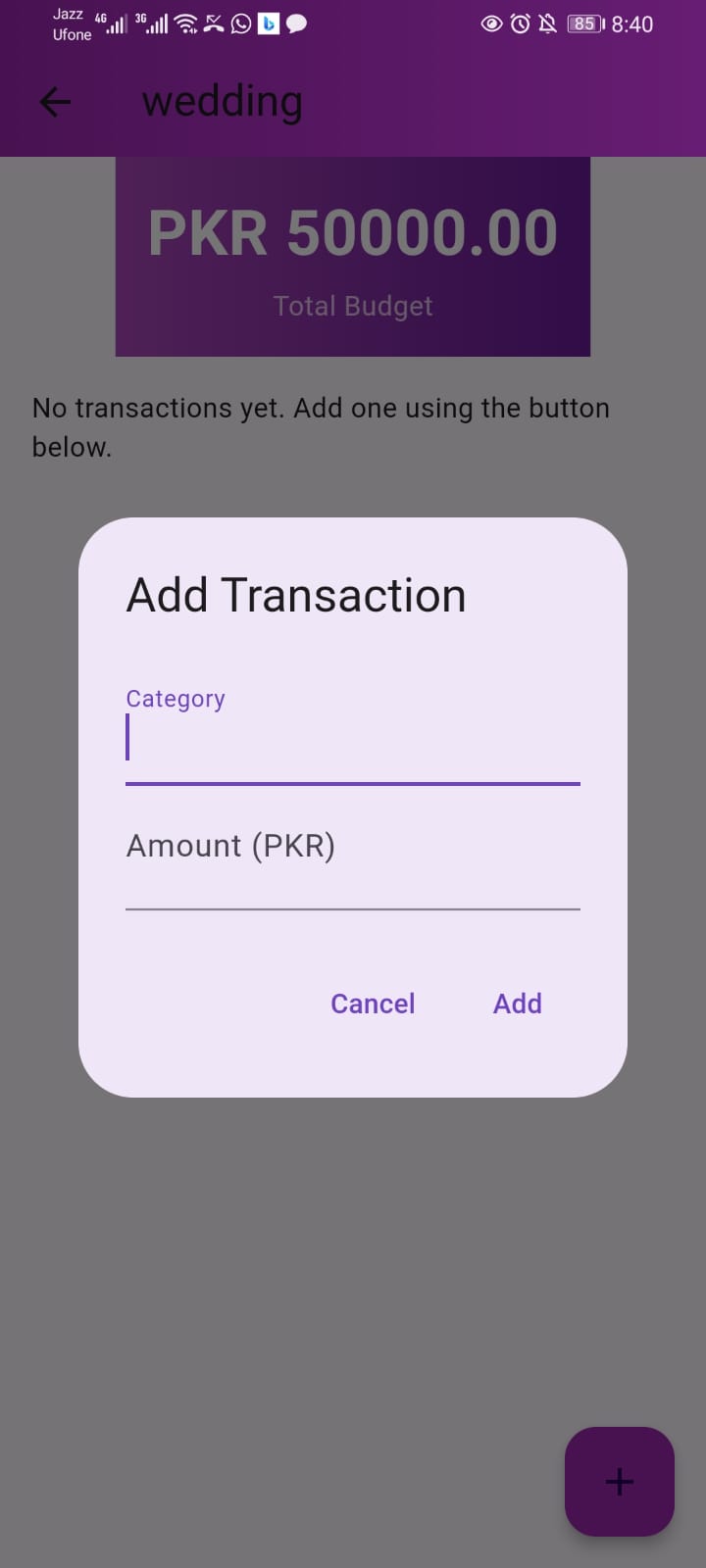
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