

## Experiment - 3

Name: <b>Shivpratik Hande</b>	Div-Roll no: <b>D15C-14</b>
DOP:	DOS:
Sign:	Grade:

### AIM:

To include icons, fonts, and images in your Flutter app.

**Theory:** Flutter supports the use of icons, custom fonts, and images to enhance the visual appeal and user experience of an application. These elements are essential for creating visually pleasing and consistent user interfaces. Flutter provides built-in support for Material Design icons through the Icons class. Developers can customize these icons in terms of size and color. For extended icon sets, third-party packages like font\_awesome\_flutter can be integrated to access a wider range of icons. **2. Custom Fonts** To maintain brand consistency and improve design aesthetics, Flutter allows the use of custom fonts. Font files are placed in the assets directory and declared in the pubspec.yaml file. Once added, they can be applied throughout the app using TextStyle. This helps in maintaining a consistent and unique typography style. **3. Images in Flutter**

Flutter supports three types of images: asset images, network images, and file images.

- **Asset Images** are bundled with the app and are commonly used for logos or static content.
- 

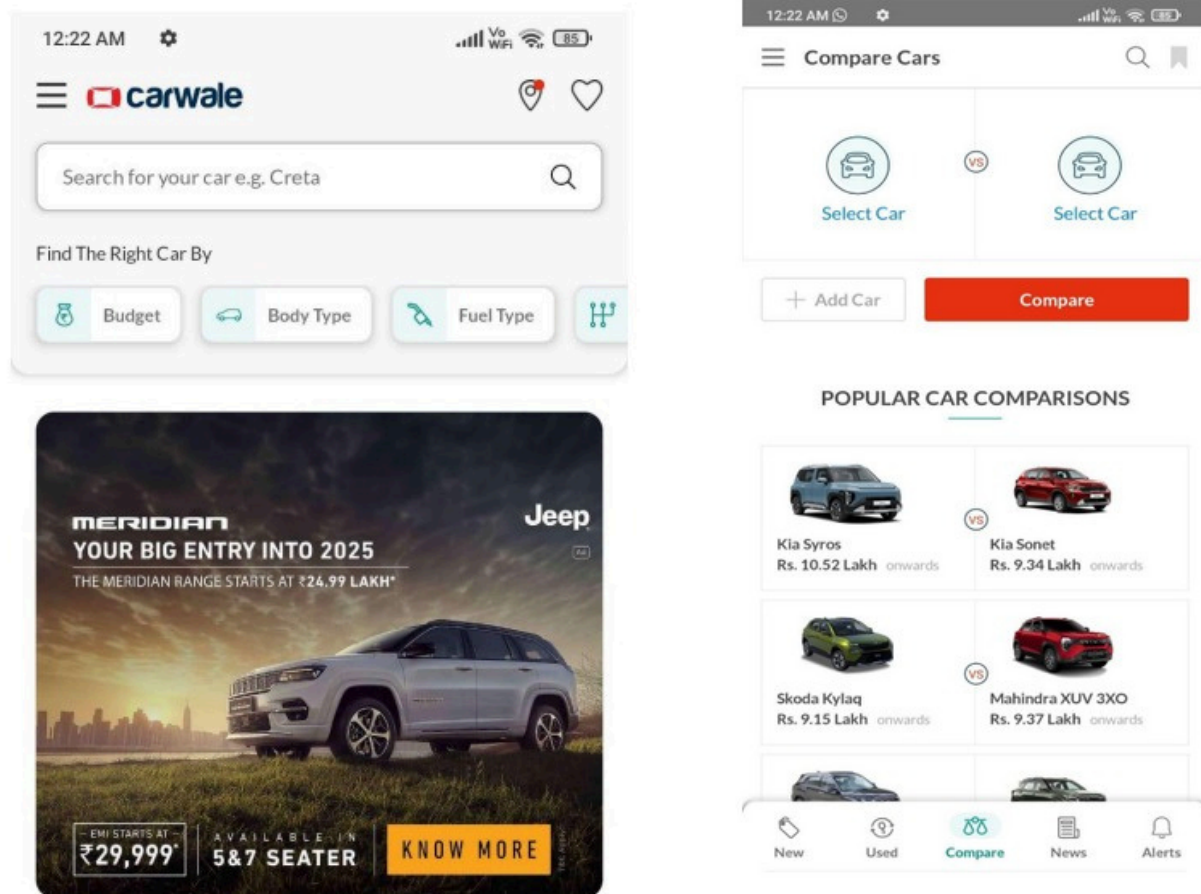
**Network Images** are fetched from the internet and are useful for dynamic content.

**File Images** are used when accessing images stored locally on a device.

## Experiment - 3

To use asset images or fonts, developers must declare them in the pubspec.yaml file. Proper asset management ensures that resources load efficiently and appear correctly across different screen sizes.

Example usage inside of my Application :



The first page makes use of icons for the functionalities of showing the user account, the home page along with the icons for the various pages that the application has.

The application also contains safety and tutorial demonstration videos which are also a part of the image and video assets that the application has.

### Conclusion:

Adding icons, custom fonts, and images significantly improves the user interface and experience in Flutter apps. With proper asset organization and usage, developers can build attractive, accessible, and responsive applications.