

JDNET TECHNOLOGIES

(ISO 9001:2015 CERTIFIED INSTITUTION)

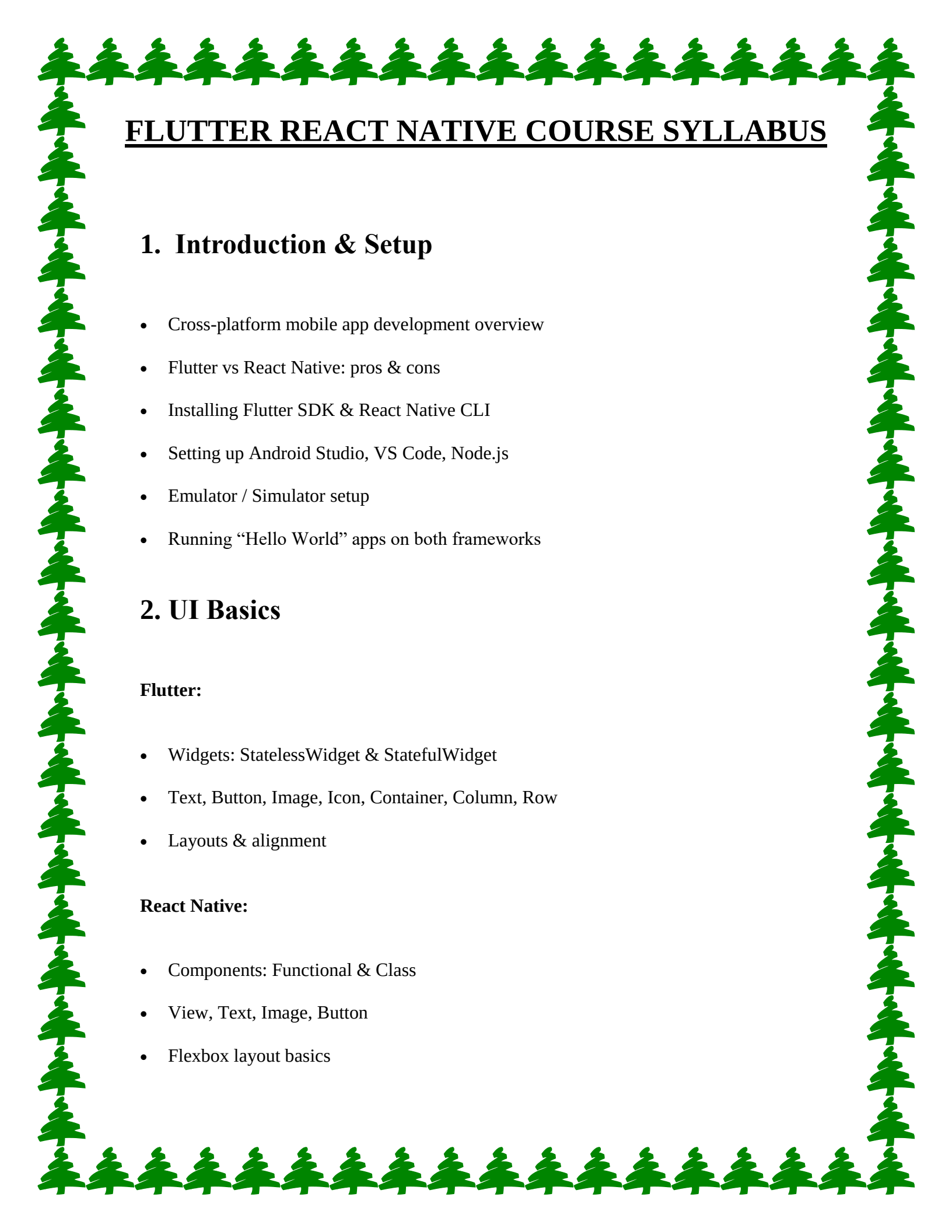
**NO:31, SUBBURAYA CHETTY STREET, THIRUPAPULIYUR,
CUDDALORE-2 (OPP DARLING ELECTRONICS).**

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FLUTTER REACT NATIVE



TRAINING COURSES FOR ALL DEPARTMENTS



FLUTTER REACT NATIVE COURSE SYLLABUS

1. Introduction & Setup

- Cross-platform mobile app development overview
- Flutter vs React Native: pros & cons
- Installing Flutter SDK & React Native CLI
- Setting up Android Studio, VS Code, Node.js
- Emulator / Simulator setup
- Running “Hello World” apps on both frameworks

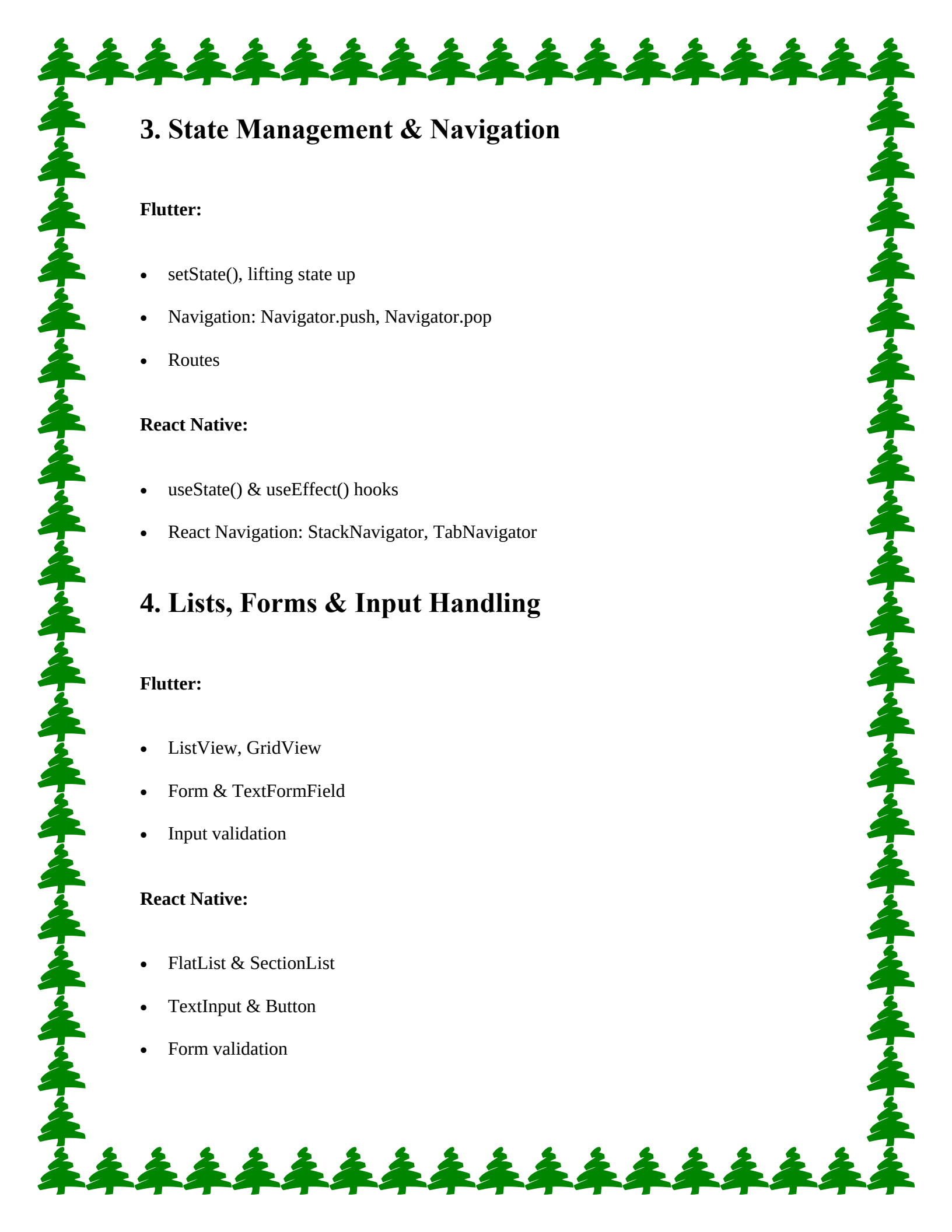
2. UI Basics

Flutter:

- Widgets: StatelessWidget & StatefulWidget
- Text, Button, Image, Icon, Container, Column, Row
- Layouts & alignment

React Native:

- Components: Functional & Class
- View, Text, Image, Button
- Flexbox layout basics



3. State Management & Navigation

Flutter:

- setState(), lifting state up
- Navigation: Navigator.push, Navigator.pop
- Routes

React Native:

- useState() & useEffect() hooks
- React Navigation: StackNavigator, TabNavigator

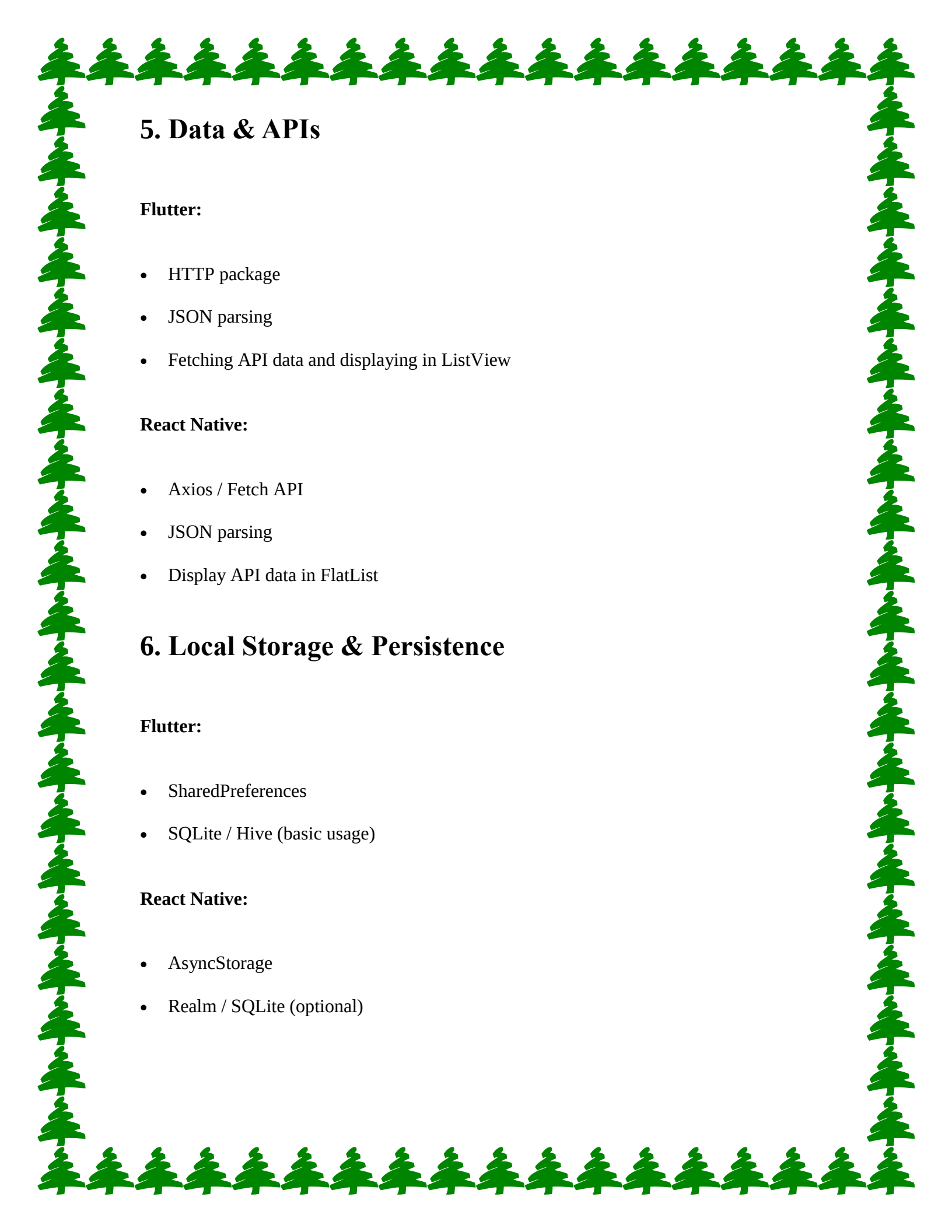
4. Lists, Forms & Input Handling

Flutter:

- ListView, GridView
- Form & TextFormField
- Input validation

React Native:

- FlatList & SectionList
- TextInput & Button
- Form validation



5. Data & APIs

Flutter:

- HTTP package
- JSON parsing
- Fetching API data and displaying in ListView

React Native:

- Axios / Fetch API
- JSON parsing
- Display API data in FlatList

6. Local Storage & Persistence

Flutter:

- SharedPreferences
- SQLite / Hive (basic usage)

React Native:

- AsyncStorage
- Realm / SQLite (optional)



Connect With Us

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