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Software Design With Artificial intelligence for cloud computing

Year 2 Semester 2

Android Project 2

Mobile Apps 2.2

**App Description:**

As part of my second app project, I have significantly improved the functionality of my Santorini Guide app with a range of new features. These enhancements are designed to provide a more immersive and efficient user experience, enabling users to make the most of their time exploring the beautiful island of Santorini.

To improve the user experience, in ToDoScreen, I included a database system through SharedPreferences that saves and stores the user's to-do list as well as Camera function to capture the best moments of the trip. I also added a new Menu Tab for easier navigation and multiple Card Views to display content elegantly. To enhance communication with users, I implemented a Contact Us screen that allows them to send emails or SMS messages for inquiries or sharing their experiences. Furthermore, I added sound to the Beaches screen, providing an immersive experience with the sound of ocean waves. I also created a new screen for restaurants that displays a list of images and text. To help users plan their trip more efficiently, I implemented a calendar function in the Akrotiri screen. Now instead of typing in the day the user wants to book, they simply need to select it in the calendar view. The app's Akrotiri Trip screen also includes a View Flipper function, allowing users to easily browse through a selection of stunning images showcasing Santorini's breathtaking scenery. This feature provides users with a visual representation of what the island has to offer, enabling them to plan their trip accordingly and make the most of their time on Santorini.

Lastly, to improve the overall user experience, I included Transitions in the Adventures screen, creating smooth and visually pleasing navigation.

Overall, my Santorini Guide app provides a comprehensive guide to exploring Santorini, with features designed to make the user's experience enjoyable and efficient.

**I have implemented the following functionality:**

Database - SharedPreferences

* Implemented new ToDoScreen which saves the “TODO’s”

Menu Tab

Card View

Email and SMS

* Implemented new Contact Us screen with email and SMS function

Play Sound

* Available in Beaches Screen, waves and ocean sound

Simple List/Image

* New Screen Restaurants that display list of Images/Txt

Camera

* Implemented in TODO list to allow user take a picture of the place they have visited

Calendar

* Akrotiri Screen, user can select date through calendar

View Flipper

* Implemented in Akrotiri Trip Screen

Transitions

* Adventures screen

**Link To Video of App:**

[NPalej\_ScreenCast App2.mp4](https://studentait-my.sharepoint.com/:v:/g/personal/a00279259_student_ait_ie/EX1-CNAKIARNtUePyRIwlwgB97EaZSj45v-sd9Ej5LRpXw?e=Hrnqei)

https://studentait-my.sharepoint.com/:v:/g/personal/a00279259\_student\_ait\_ie/EX1-CNAKIARNtUePyRIwlwgB97EaZSj45v-sd9Ej5LRpXw?e=Hrnqei