



Continuing Education Program
Center for Computing and Information Technology
Fakultas Teknik Universitas Indonesia

The Great Adventure

Group 11

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Class : 4SC2

CEP CCIT

FAKULTAS TEKNIK UNIVERSITAS INDONESIA

2020

PROJECT ON

<The Great Adventure>

Developed By

1. Doni Setiawan
2. Rakha Farhan Vahdaputra

The Great Adventure

Batch Code : 4SC2

Start Date : June 3, 2020

End Date : July 3, 2020

Name of Faculty : Indah Ayu Yuliani, S.T., M.M.

Name of Developer :

1. Doni Setiawan
2. Rakha Farhan Vahdaputra

Date of Submission : July 3, 2020



CERTIFICATE

This is to certify that this report titled “The Great Adventure” embodies the original work done by Doni Setiawan, and Rakha Farhan Vahdaputra. Project in partial fulfillment of their course requirement at NIIT.

Coordinator :

Indah Ayu Yuliani, S.T., M.M

ACKNOWLEDGEMENT

Praise be to the presence of Allah, SWT. because of his blessing and mercy, writer can complete this project. Writer got many benefits from the feedback and suggestions given to us by Mrs. Indah Ayu Yuliani. Writer make this project to fulfill our assignment.

Writer make this project with see the basic of CCIT Information System and make it with our own style. Writer know this paper is far from perfection. If in the preparation of this paper there is a deficiency, then the writer accept if there are constructive criticisms and suggestions from the readers to perfection for subsequent paper. Hopefully what we have made can be useful in the future.

Writer also said thankyou to :

1. Our family who give many support to make this project completed.
2. Mrs. Indah Ayu Yuliani as faculty that give the suggestion, idea and constructive spirit to make this project better.
3. Our friends who always support.

If the writer made a mistake in writing the “**The Great Adventure**”, writer ask forgive to all reader of this paper.

Depok, July 3, 2020

SYSTEM ANALYSIS

System Summary :

In the project this time we created a website that we named The Great Adventure. This project is created by using Eclipse IDE, We used Bootstrap 3 and our custom CSS files to design our application. This web was implemented with a realtime database firebase for store data booking and also we used Goole Map API's to show our location, And to be able to access our website from the browser we used the google app engine.

For mobile appswas created by using Android Studio, in this mobile apps we also implemented with a realtime database firebase, where later users could book travel.

ACTIVITY LIST (WEB)

No.	Activity Description	Date Of Complete	Actual Date	Response	Remarks
1.	Create Homepage	20 June 2020	20 June 2020	Rakha	
2.	Create Navigasi Bar	24 June 2020	24 June 2020	Doni	
3.	Create Contact Us	25 June 2020	25 June 2020	Doni	
4.	Create Detail Page	27 June 2020	27 June 2020	Rakha	
5.	Create SlideShow on Detail Page	28 June 2020	28 June 2020	Rakha	
6.	Create About Us	26 June 2020	26 June 2020	Doni	
7.	Create Booking Form	30 June 2020	30 June 2020	Doni	
8.	Added Map API's on detail page	30 June 2020	30 June 2020	Doni	
9.	Create Login Page	1 July 2020	1 July 2020	Doni	
10.	Create Admin Page (List booking menu)	1 July 2020	1 July 2020	Doni	
11.	Create Admin Page (List Comment menu) Raka	1 July 2020	1 July 2020	Rakha	

ACTIVITY LIST (Mobile Apps)

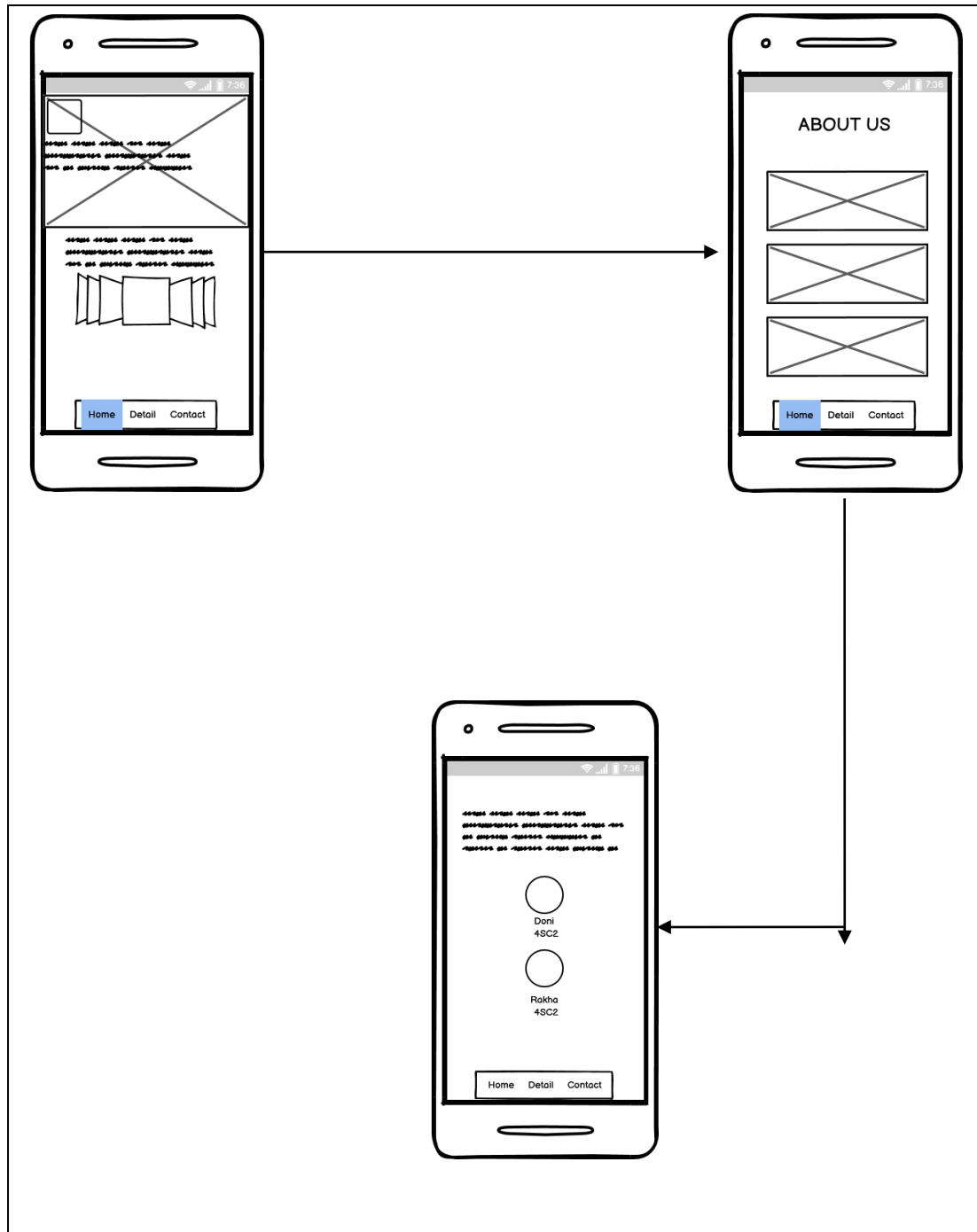
No.	Activity Description	Date Of Complete	Actual Date	Response	Remarks
1.	Create Detail Page	18 July 2020	18 July 2020	Rakha	
2.	Create Booking Form	19 July 2020	19 July 2020	Doni	
3.	Create HomePage	22 July 2020	22 July 2020	Rakha	
4.	Create Contact Us	22 July 2020	22 July 2020	Doni	

IMPLEMENTATION

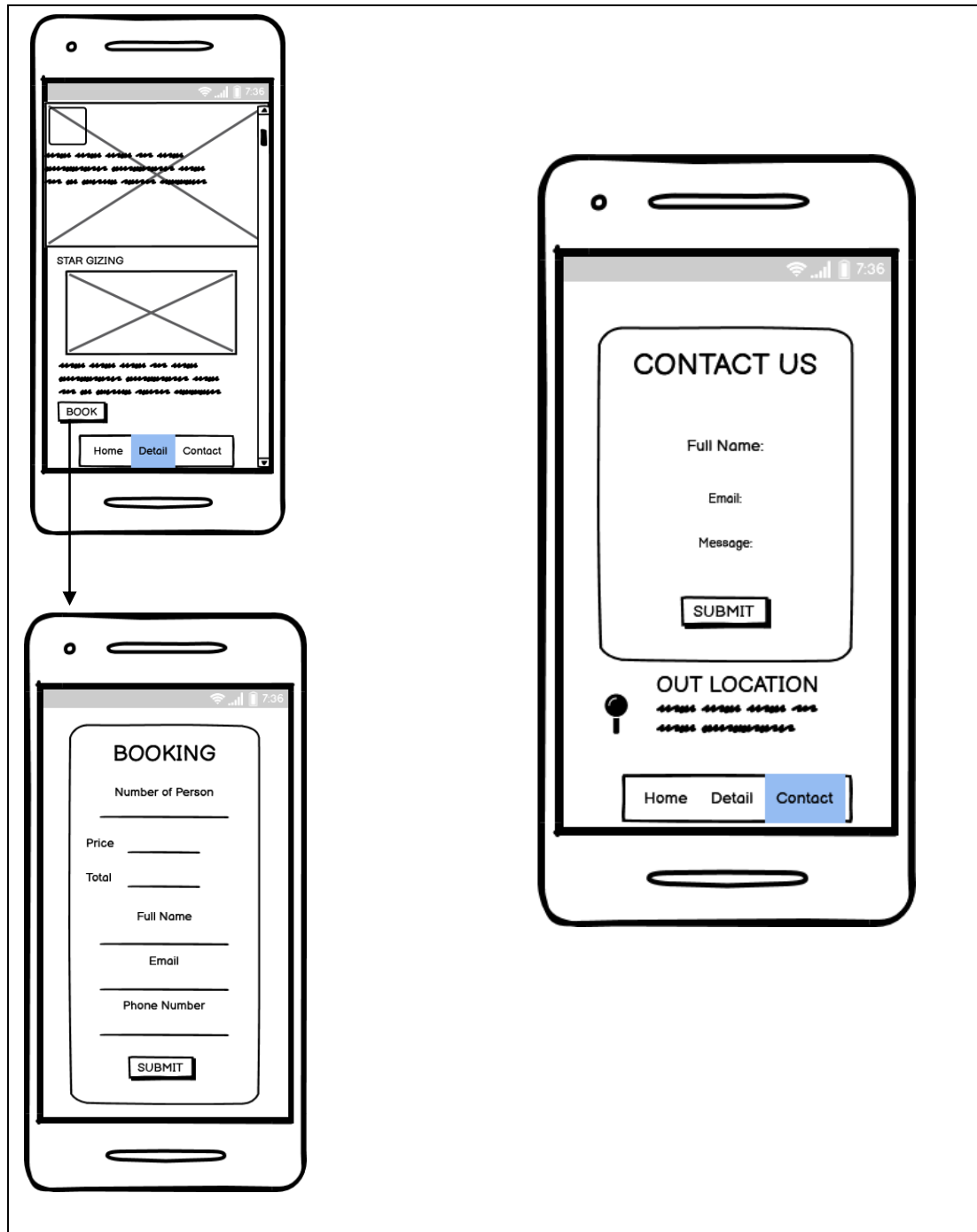
Implementation in this project :

- Home : Implement Bootstrap 3 and Media Query for responsive web design. In Home, it have a brief explanation about the great adventure, and also implelement Parsley.js to validate the contact form.
- Detail : Implement Bootstrap 3 and Media Query for responsive web design. In detail, it have explanation about our details tour package.
- Booking : Implement Modal Bootstrap to show booking menu, and implement Create function to add the data to firebase.
- API : Implement API to use MAPS in detail.jsp
- Admin page (list_booking) : Implement CRUD to modify booking data. In this page used for look all data booking from user
- Admin Page (list_comment) : Implement CRUD to modify feedback. In this page used for look all data feedback from user
- Awesome Validation : Implement Library Awesome Validation on Mobile Apps for Validating Form Booking and Form Feedback

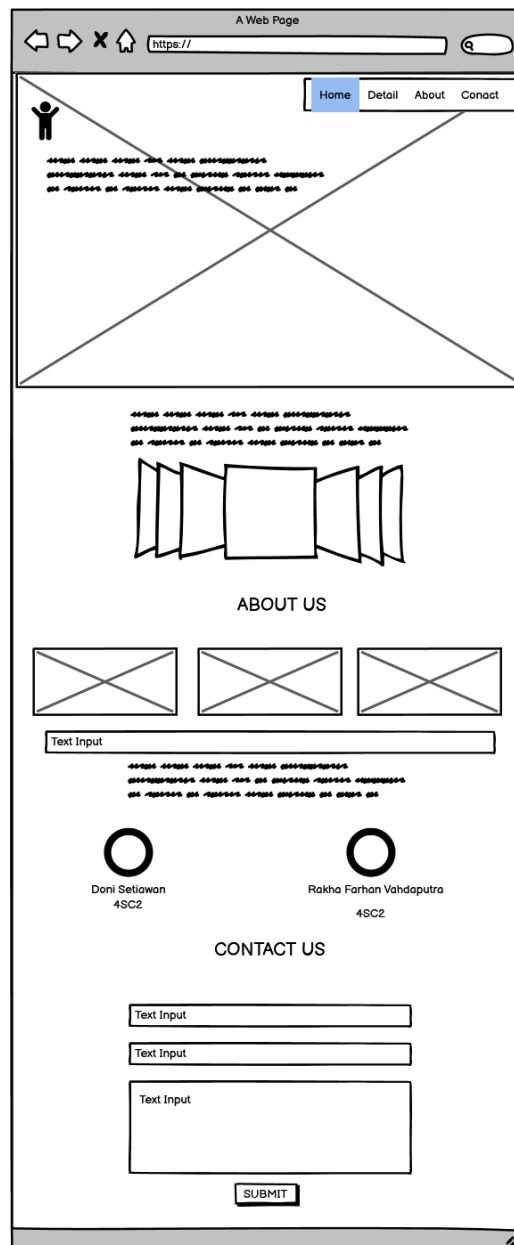
WIREFRAMES / MOCKUP (Android)



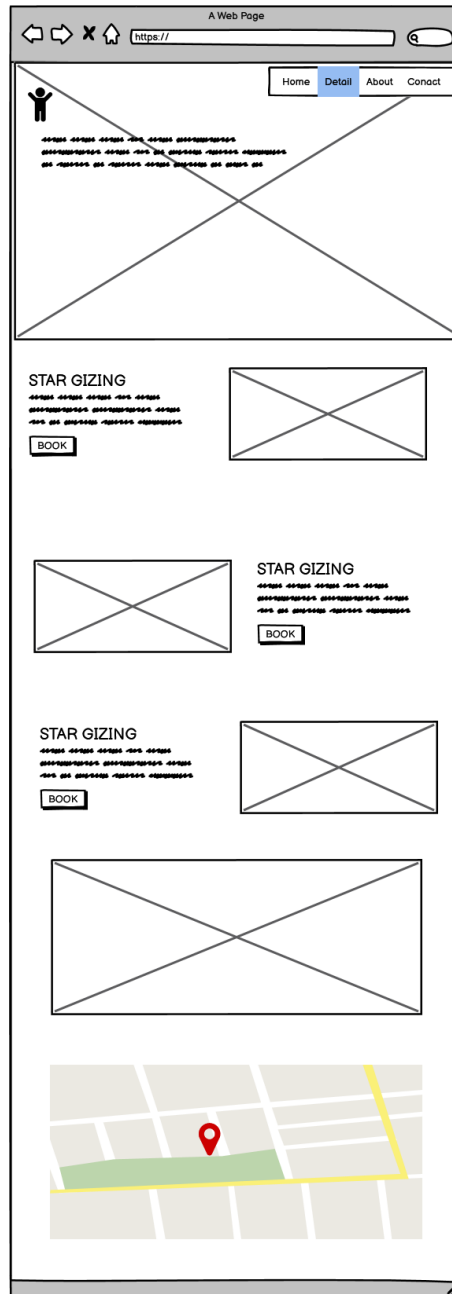
WIREFRAMES / MOCKUP (Android)



WIREFRAMES / MOCKUP (WEB)



WIREFRAMES / MOCKUP (WEB)



WIREFRAMES / MOCKUP (WEB)

A Web Page

https://

Home Detail About Contact

Travel Reservation Booking Form

Your Travel Plan Detail

Travel Package

Choose Your Package

Number of Person Budget

Person Price

Total

Person

Your Travel Plan Detail

Name Email

Name *****@***.***

Phone Country

+62 *** *** *** Country

Close Save

TESTING IMPLEMENTATION (Black Box)

- Admin Website**

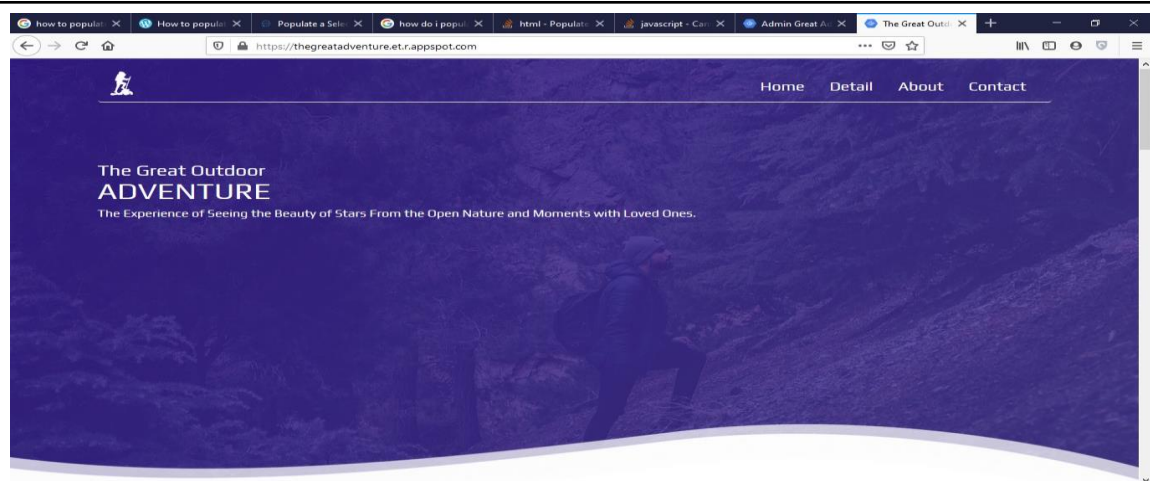
No.	Test Case	Test Data	Expected Result	Actual Result	Result
1.	Delete data from Table (index.jsp)	Delete data by Choosing data on Table	Delete data in Firebase and Table	Delete data in Firebase and Table	Pass
2.	Delete data from Table (index.jsp)	Delete data by Not Choosing data on Table	Delete data in Firebase and Table	Not delete data in Firebase and Table	Failed
3.	Update data from Table (index.jsp)	Change valid data for modify booking data user	Update data to Firebase	Update data to Firebase	Pass
4.	Update data from Table (index.jsp)	Change not valid data for modify booking data user	Update data to Firebase	Not Update data to Firebase	Failed
5.	Show all records in Table from Firebase (index.jsp)	Get all records from Firebase	Show all Records from Firebase in Table	Show all Records from Firebase in Table	Pass
6.	Delete data from Table (comment.jsp)	Delete data by Choosing data on Table	Delete data in Firebase and Table	Delete data in Firebase and Table	Pass
7.	Delete data from Table (comment.jsp)	Delete data by Not Choosing data on Table	Delete data in Firebase and Table	Not delete data in Firebase and Table	Failed
8.	Show all records in Table from Firebase (comment.jsp)	Get all records from Firebase	Show all Records from Firebase in Table	Show all Records from Firebase in Table	Pass
9.	Login Admin	Login admin with valid Email and Password	Login Succesfull and link to index.jsp	Login Succesfull and link to index.jsp	Pass
10.	Login Admin	Login admin with not valid Email and Password	Login Succesfull and link to index.jsp	Login Failed and cannot link to index.jsp	Failed

TESTING IMPLEMENTATION (Black Box)

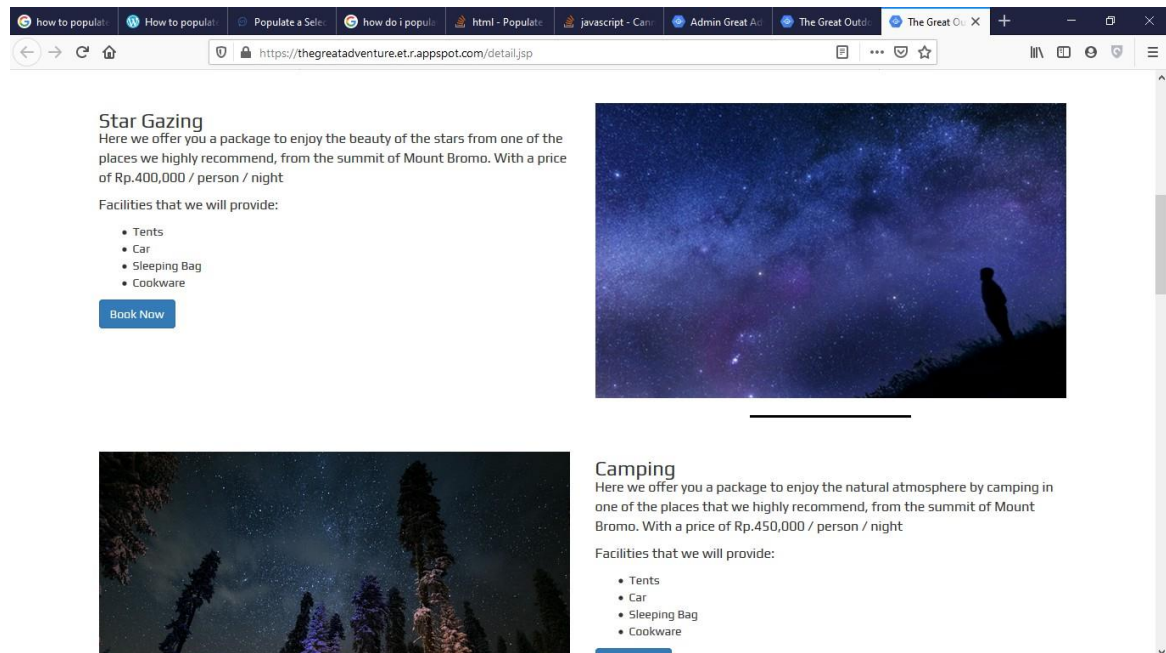
- **User Mobile Apps**

No.	Test Case	Test Data	Expected Result	Actual Result	Result
1.	Add data booking	Input valid data for add data booking	Data succesfully added to Firebase	Data succesfully added to Firebase	Pass
2.	Add data booking	Input not valid data for add data booking	Data succesfully added to Firebase	Data cant't be added to the Firebase	Failed
3.	Add data feedback	Input valid data for add data booking	Data succesfully added to Firebase	Data succesfully added to Firebase	Pass
4.	Add data feedback	Input not valid data for add data feedback	Data succesfully added to Firebase	Data cant't be added to the Firebase	Failed

Preview of Website



Index.jsp



Detail.jsp

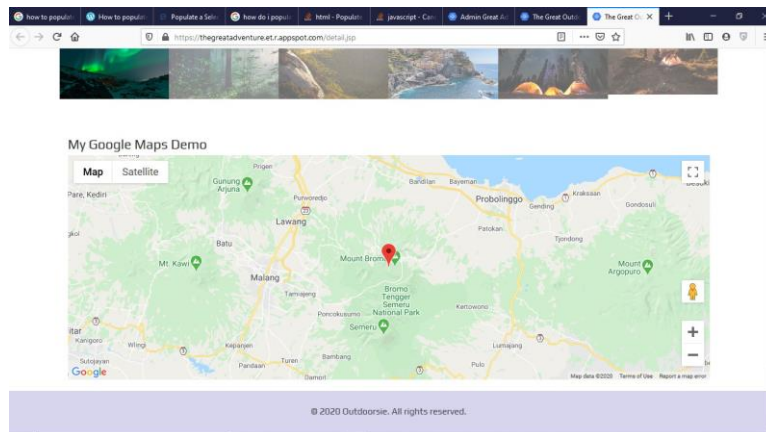
Preview of Website

The screenshot shows a web browser with multiple tabs. The active tab is 'The Great Outdoors'. The URL is 'https://thegreatadventure.et.rappspot.com/detail.jsp'. The website content is partially visible in the background, showing a 'Star Gazing' package with a 'Book Now' button. A modal titled 'Travel Reservation Booking Form' is open in the center. The modal contains the following fields:

- Your Travel Plan Detail**
 - Travel Package:** A dropdown menu with 'Choose Package' selected.
 - Number of Persons:** A text input field with 'Persons' selected.
 - Budgets:** A text input field with 'Price' selected.
 - Total:** A text input field with 'Total Price' selected.
- Your Travel Plan Detail**
 - Name:** A text input field with 'First Name' selected.
 - Email:** A text input field with 'xxxxx@xxxxx.xxx' selected.
 - Phone:** A text input field with '+62 xxx xxxxx xxxxx' selected.
 - Country:** A text input field with 'Country' selected.

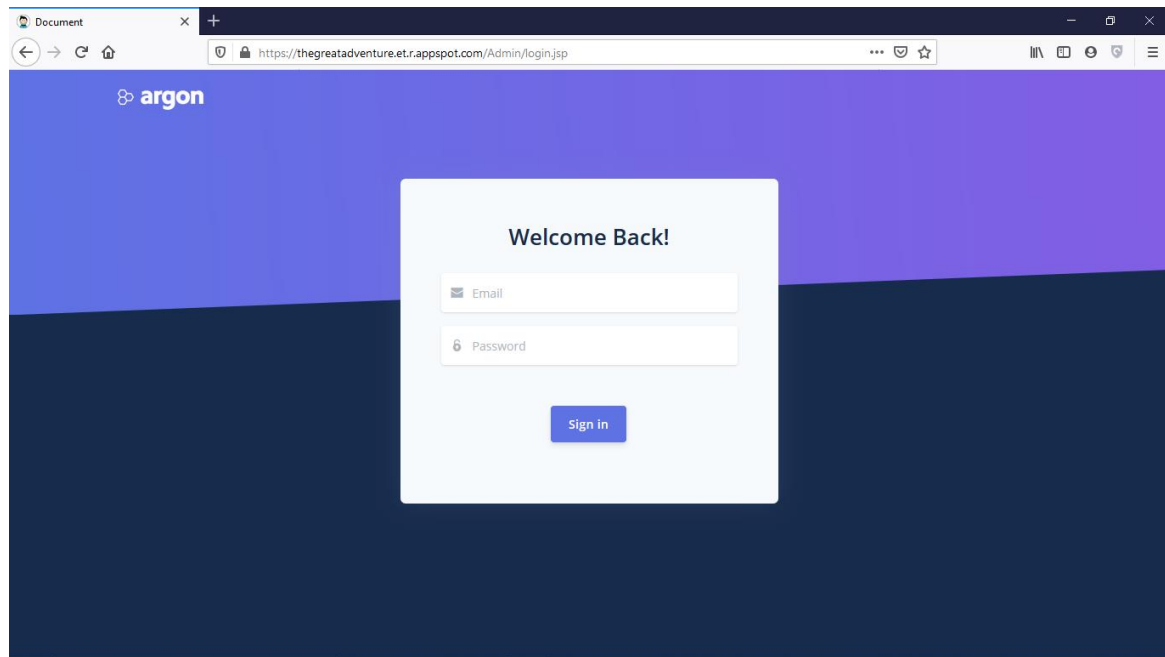
At the bottom of the modal are 'Close' and 'Save' buttons.

Booking Form

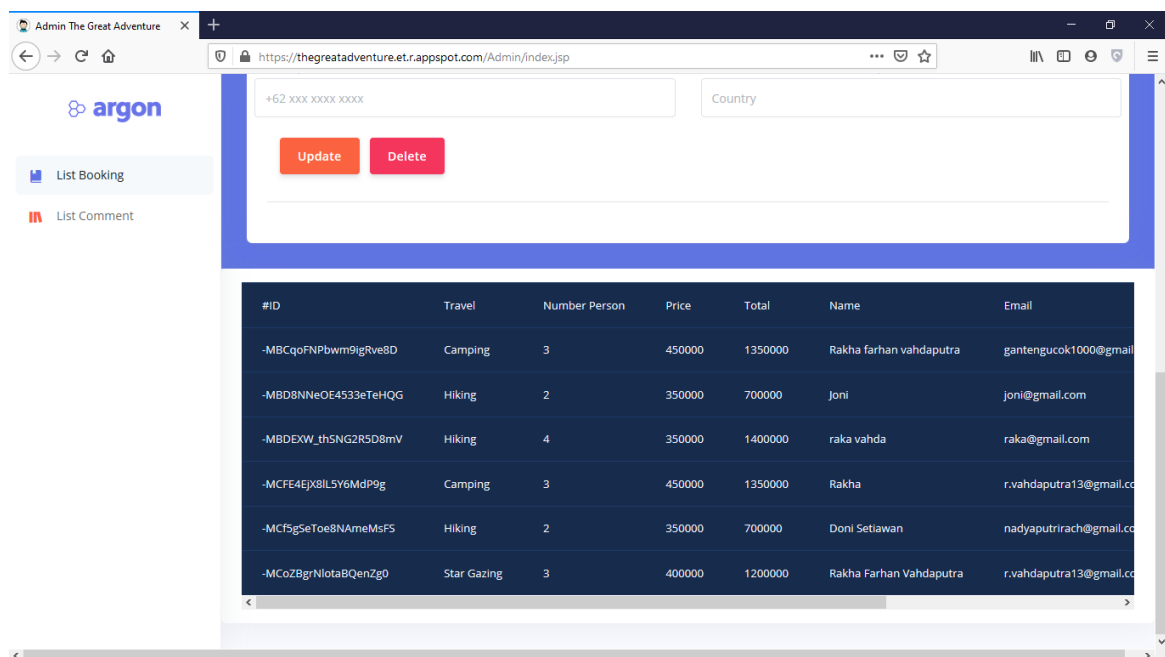


Maps

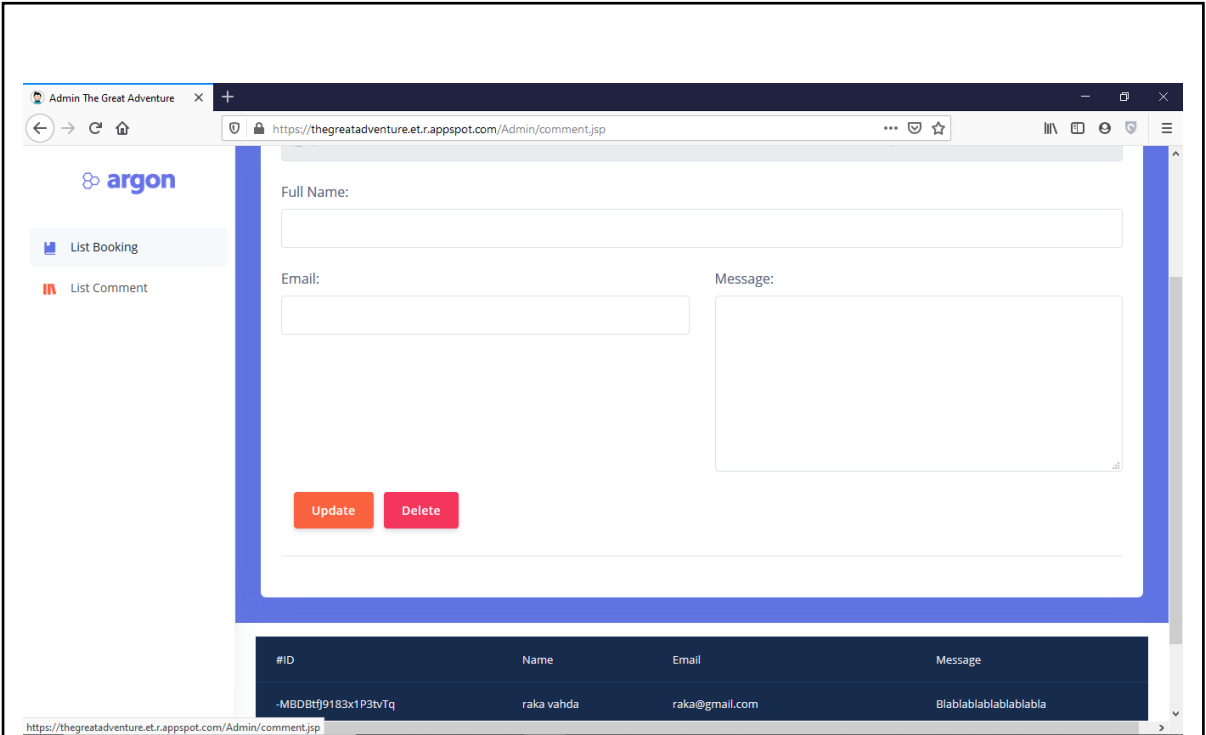
Preview of Website



login.jsp



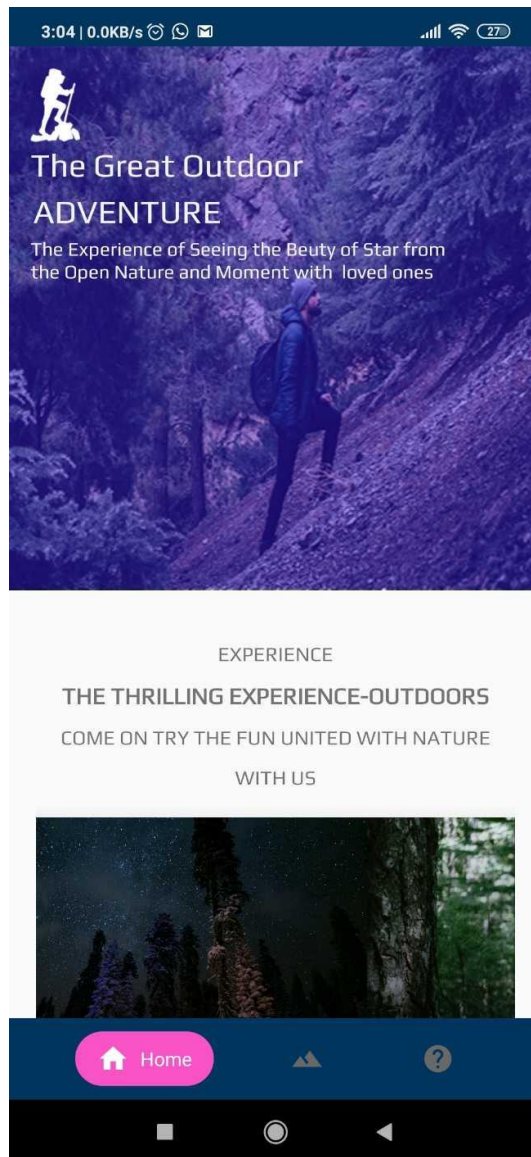
Preview of Website



list_comment.jsp

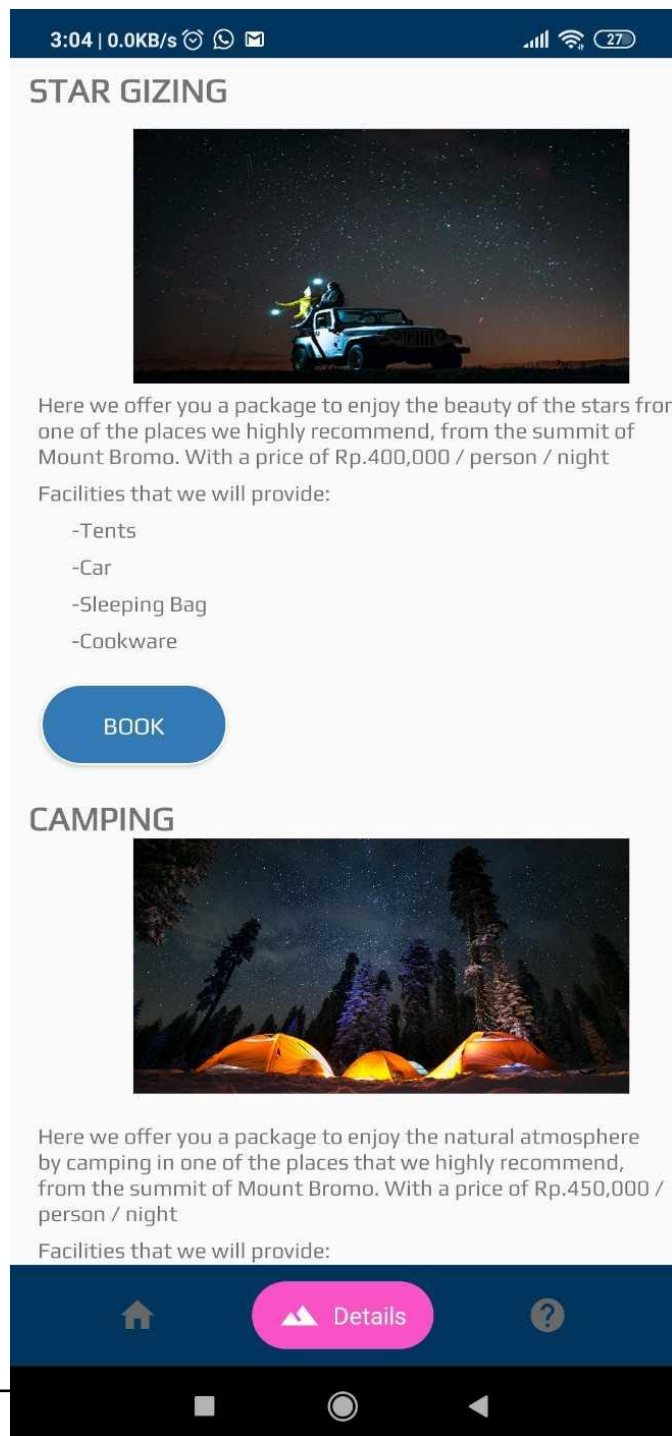
Preview of Apps

1. Home Page



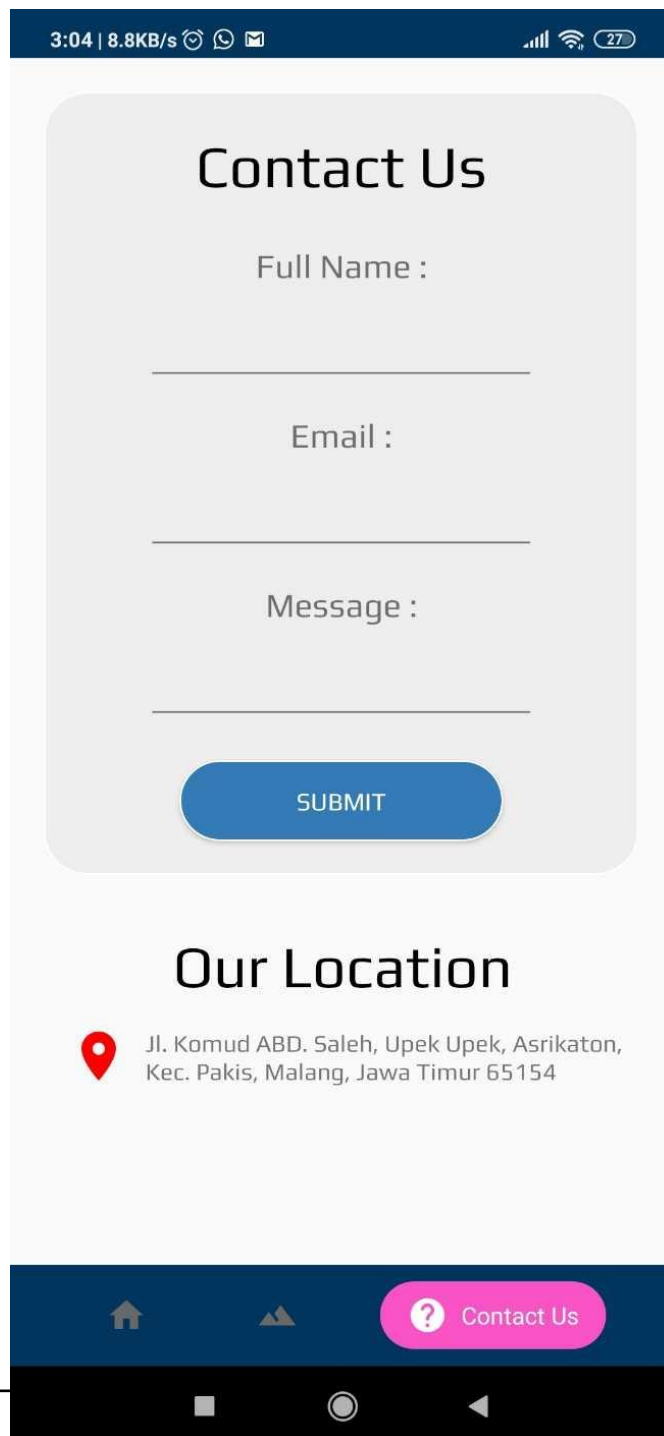
Preview of Apps

1. Detail Page



Preview of Apps

1. Contact Us Page



The image shows a mobile application interface for a 'Contact Us' page. At the top, a dark blue status bar displays the time '3:04', data usage '8.8KB/s', and icons for signal, Wi-Fi, and battery (27%). The main content area has a light gray background. It features a title 'Contact Us' in bold black text. Below the title are three input fields: 'Full Name :', 'Email :', and 'Message :', each with a horizontal line for text entry. A blue rounded rectangular button labeled 'SUBMIT' is positioned below the message field. Underneath the form, the section 'Our Location' is displayed in bold black text. Below this, a red location pin icon is followed by the address: 'Jl. Komud ABD. Saleh, Upek Upek, Asrikaton, Kec. Pakis, Malang, Jawa Timur 65154'. At the bottom, a dark blue navigation bar contains three icons: a house, a mountain, and a question mark. The question mark icon is highlighted with a pink background and labeled 'Contact Us'. Below the navigation bar is a black Android-style navigation bar with three icons: a square, a circle, and a triangle.

3:04 | 8.8KB/s

3:04 | 8.8KB/s

Contact Us


Full Name :

Email :

Message :

SUBMIT

Our Location

 Jl. Komud ABD. Saleh, Upek Upek, Asrikaton, Kec. Pakis, Malang, Jawa Timur 65154

Home Mountain ? Contact Us

CONFIGURATION

Hardware : Intel i7 8700, Windows 10.

Software : Microsoft Office Word 2013, Eclipse

S.No	Subject	File Name	Remarks
1	The Great Adventure (Website)	Index.jsp	Contains CSS for HTML.
		Detail.jsp	Contains JS for HTML.
		booking	Contains modal bootstrap to show booking form.
		List_booking.jsp	Contains JS for CRUD
2	The Great Adventure (Mobile)	MainActivity.java	3 Java Class
		Activity_main.xml	2 XML (Layout)
3	Link Deploy	https://thegreatadventure.et.r.appspot.com/	User
		https://thegreatadventure.et.r.appspot.com/Admin/login.jsp	Admin