

ROOMMATE

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INTRODUCTION

GOAL

-TO CREATE AN APPLICATION TO HOST OR FIND APARTMENT/ROOM TO FIND ROOMMATES.

-FREE OFF CHARGE.

INTRODUCTION contd

DESIGN PHILOSOPHY

DESIGN FOR :

->EXTENSIBILITY

->SIMPLICITY

->FUTURE PROOF

SOFTWARE USED

- FLUTTER
- FIREBASE
- GIT
- ANDROID SOFTWARE TOOL CHAIN
- VSCODE

FLUTTER



DEFINITION

OPEN SOURCE APP DEVELOPMENT FRAMEWORK.

WHY WE USED IT

WELL DOCUMENTED & SIMPLE.

CROSS PLATFORM : ONE CODE BASE FOR ALL SYSTEMS.

MODULAR : CODE IS EASY TO MODERATE AND CHANGE.

FIREBASE



DEFINITION

- BACKEND AS SERVICES, PROVIDE A FOSS TOOLS AND SERVICES BUNDLED TOGETHER.

WHY WAS IT USED

EXTENSIBLE : LOT OF BUILT IN TOOLS.

SUPPORT MANY API INTEGRATIONS.

WELL DOCUMENTED & SUPPORTED.

GIT



DEFINITION

- DISTRIBUTED VERSION CONTROL SYSTEM.

WHY WAS IT USED

- EASY TO COLLABORATE.
- DISTRIBUTED DEVELOPMENT & BRANCHING.
- TRACKS HISTORY.

ANDROID SOFTWARE TOOL CHAIN



DEFINITION

COMPONENTS FOR ANDROID SDK, HELPS TO INTERFACE WITH ANDROID PLATFORM.

WHY WAS IT USED

- EASY TO USE AND CONNECT ANDROID DEVICES FOR SOFTWARE DEVELOPMENT.
- CREATED AND SUPPORTED BY ANDROID DEVELOPERS.

VSCODE



DEFINITION

- MODERN CODE EDITOR WITH A LOT OF USEFUL FEATURES.

WHY WAS IT USED

- ROBUST SUPPORT SYSTEM USING EXTENSIONS
- INTELLISENSE :- ADVANCED AUTO COMPLETION AND SYNTAX HIGHLIGHTING FEATURE.
- EASY INTEGRATION WITH ALL OTHER SOFTWARE USED.

ROOMMATE