|  |  |
| --- | --- |
| Class Number | 1 |
| Class Name | main .dart |
| Purpose | This is root file of our project |
| Collections used | - |

|  |  |
| --- | --- |
| Class Number | 2 |
| Class Name | FirstPage.dart |
| Purpose | This is first file of our project and it handels loading screen of application |
| Collections used | - |

|  |  |
| --- | --- |
| Class Number | 3 |
| Class Name | Welcome .dart |
| Purpose | This is welcome screen of application |
| Collections used | - |

|  |  |
| --- | --- |
| Class Number | 4 |
| Class Name | Login .dart |
| Purpose | This is Login screen of application |
| Collections used | users |

|  |  |
| --- | --- |
| Class Number | 5 |
| Class Name | Signup .dart |
| Purpose | This is Signup screen of application |
| Collections used | Users |

|  |  |
| --- | --- |
| Class Number | 6 |
| Class Name | ForgotPassword .dart |
| Purpose | This is file helps users to reset their password |
| Collections used | Users |

|  |  |
| --- | --- |
| Class Number | 7 |
| Class Name | SliderTile .dart |
| Purpose | This is Slider tile or advertisements about what this app is |
| Collections used | - |

|  |  |
| --- | --- |
| Class Number | 8 |
| Class Name | VerifyEmail .dart |
| Purpose | This screen is displayed when verification link is sent to the user email |
| Collections used | users |

|  |  |
| --- | --- |
| Class Number | 9 |
| Class Name | phoneAuth .dart |
| Purpose | This screen helps to setup phone number of user |
| Collections used | users |

|  |  |
| --- | --- |
| Class Number | 10 |
| Class Name | widgets .dart |
| Purpose | This file has custom widgets |
| Collections used | - |

|  |  |
| --- | --- |
| Class Number | 11 |
| Class Name | Provider\_widget .dart |
| Purpose | This file has internal functions that helps the app to work |
| Collections used | - |

Services

|  |  |
| --- | --- |
| Class Number | 12 |
| Class Name | Authentication .dart |
| Purpose | This file contains all the authentication methods |
| Collections used | users |

|  |  |
| --- | --- |
| Class Number | 13 |
| Class Name | HomeController .dart |
| Purpose | This file controls dynamic user login |
| Collections used | - |

|  |  |
| --- | --- |
| Class Number | 14 |
| Class Name | searchService .dart |
| Purpose | This file is used in searching products from collection |
| Collections used | products |

Models

|  |  |
| --- | --- |
| Class Number | 15 |
| Class Name | Product .dart |
| Purpose | This is products model class |
| Collections used | products |

|  |  |
| --- | --- |
| Class Number | 16 |
| Class Name | User .dart |
| Purpose | This is users model class |
| Collections used | users |

|  |  |
| --- | --- |
| Class Number | 17 |
| Class Name | UserSetup .dart |
| Purpose | This file is used to setup new user and update user data in cloud database |
| Collections used | users |

Slider Model Data

|  |  |
| --- | --- |
| Class Number | 18 |
| Class Name | data .dart |
| Purpose | This file contains data of sliderTile |
| Collections used | - |

Navigation Model bloc

|  |  |
| --- | --- |
| Class Number | 19 |
| Class Name | Navigation\_bloc .dart |
| Purpose | This file has business logic for navigation bloc |
| Collections used | - |

Home Components

|  |  |
| --- | --- |
| Class Number | 20 |
| Class Name | body .dart |
| Purpose | This file is body for Home screen |
| Collections used | - |

|  |  |
| --- | --- |
| Class Number | 21 |
| Class Name | AdvertismentBanner .dart |
| Purpose | This file contains advertisement images and how to display them on home screen |
| Storage | /HomeAdvertismentBanner |

|  |  |
| --- | --- |
| Class Number | 22 |
| Class Name | Categories .dart |
| Purpose | This file displays categories of products |
| Collections used | - |

|  |  |
| --- | --- |
| Class Number | 23 |
| Class Name | Location .dart |
| Purpose | This file is used to store user location in users collection |
| Collections used | users |

|  |  |
| --- | --- |
| Class Number | 24 |
| Class Name | offerBanner .dart |
| Purpose | This file is used to display offerBanner on home screen |
| Storage | /HomeAdvertismentBanner |

|  |  |
| --- | --- |
| Class Number | 25 |
| Class Name | search .dart |
| Purpose | This file is used in searching products |
| Collections used | products |

Home Components > SiderBar

|  |  |
| --- | --- |
| Class Number | 26 |
| Class Name | SideBar .dart |
| Purpose | This file handles sidebar of home screen |
| Collections used | - |

|  |  |
| --- | --- |
| Class Number | 27 |
| Class Name | SideBar\_Layout .dart |
| Purpose | This file has the layout details of sidebar |
| Collections used | - |

|  |  |
| --- | --- |
| Class Number | 28 |
| Class Name | Menu\_items.dart |
| Purpose | This file contains the options of sidebar |
| Collections used | - |

Home Components >SiderBar>SideBarComponent

|  |  |
| --- | --- |
| Class Number | 29 |
| Class Name | Contact .dart |
| Purpose | This file has information to contact GreenTrends support team |
| Collections used | - |

|  |  |
| --- | --- |
| Class Number | 30 |
| Class Name | MyAccount .dart |
| Purpose | This file has user details |
| Collections used | users |

|  |  |
| --- | --- |
| Class Number | 31 |
| Class Name | MyCart .dart |
| Purpose | This file displays user selected items for cart |
| Collections used | users |

|  |  |
| --- | --- |
| Class Number | 32 |
| Class Name | MyOrders .dart |
| Purpose | This file display all the active orders for user |
| Collections used | users |

|  |  |
| --- | --- |
| Class Number | 33 |
| Class Name | Settings.dart |
| Purpose | This file has settings information |
| Collections used | users |

|  |  |
| --- | --- |
| Class Number | 34 |
| Class Name | WishList .dart |
| Purpose | This file displays all the user selected items for wishlist |
| Collections used | users |

Home Components > Result

|  |  |
| --- | --- |
| Class Number | 35 |
| Class Name | CategoriesResult .dart |
| Purpose | This file is used to display products based on selected category |
| Collections used | products |

|  |  |
| --- | --- |
| Class Number | 36 |
| Class Name | DisplayItemCard .dart |
| Purpose | Display products in cards layout |
| Collections used | - |

|  |  |
| --- | --- |
| Class Number | 37 |
| Class Name | DisplayOrderItems .dart |
| Purpose | Display order products in cards layout |
| Collections used | products |

|  |  |
| --- | --- |
| Class Number | 38 |
| Class Name | DisplayOrderDetails .dart |
| Purpose | Display orders in cards layout |
| Collections used | users |

|  |  |
| --- | --- |
| Class Number | 39 |
| Class Name | ItemCard .dart |
| Purpose | Display products in cards layout |
| Collections used | - |

Home Components > Product Details

|  |  |
| --- | --- |
| Class Number | 40 |
| Class Name | DetailsScreen .dart |
| Purpose | Displays product information detail |
| Input Collection | products |

|  |  |
| --- | --- |
| Class Number | 41 |
| Class Name | NaturalResources .dart |
| Purpose | Displays product natural resources information |
| Input Collection | products |

Home Components > Place Order

|  |  |
| --- | --- |
| Class Number | 42 |
| Class Name | Billing .dart |
| Purpose | This file calculates total billing cost |
| Input Collection | - |

|  |  |
| --- | --- |
| Class Number | 43 |
| Class Name | PlaceOrder .dart |
| Purpose | This file is used to confirm all details and place order for products |
| Input Collection | Users,orders,AdminRecordForOrders |

|  |  |
| --- | --- |
| Class Number | 44 |
| Class Name | EndOfOrder.dart |
| Purpose | This is thank screen after order has been placed |
| Input Collection | - |

` Program description for Admin Panel

|  |  |
| --- | --- |
| Class Number | 45 |
| Class Name | orderCount .dart |
| Purpose | Displays orders count in dashboard |
| Collections used | AdminRecordForOrders |

|  |  |
| --- | --- |
| Class Number | 46 |
| Class Name | productsCount .dart |
| Purpose | Displays products count in dashboard |
| Collections used | products |

|  |  |
| --- | --- |
| Class Number | 47 |
| Class Name | usersCount .dart |
| Purpose | Displays user count in dashboard |
| Collections used | users |

|  |  |
| --- | --- |
| Class Number | 48 |
| Class Name | addProducts.dart |
| Purpose | Form to add products to database |
| Collections used | products |

|  |  |
| --- | --- |
| Class Number | 49 |
| Class Name | orderToHandel.dart |
| Purpose | Displays active orders |
| Collections used | AdminRecordForOrders |

|  |  |
| --- | --- |
| Class Number | 50 |
| Class Name | productList .dart |
| Purpose | Displays all products |
| Collections used | products |

|  |  |
| --- | --- |
| Class Number | 51 |
| Class Name | ReturnedOrder.dart |
| Purpose | Displays list of returned orders |
| Collections used | AdminRecordForReturnedOrders |

|  |  |
| --- | --- |
| Class Number | 52 |
| Class Name | Home.dart |
| Purpose | This file contains home screen |
| Collections used | - |

|  |  |
| --- | --- |
| Class Number | 53 |
| Class Name | main.dart |
| Purpose | This is root file of Admin Panel |
| Collections used | - |