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**Project Name: ASAP**

(Freelancing Platform)

**Final Report**

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**Team Animus**

**M. Taha Attique i160213 Section: A  
Abdul Wahab i160099 Section: C  
Farrukh Azeem i160265 Section: A**

**Introduction:**

**Problem Statement:**

There is no proper and safe freelancing platform of Pakistan for the local projects. A  
platform where clients will submit their projects and freelances will choose the  
project. A safe communication massager will be there for the interactions and  
commutations between clients and freelancers. Freelancer will be able to maintain  
his/her profile including the portfolio.

**Scope:**

Our Application, ASAP will provide the platform to the client and the freelancer to  
have better dealings as for as different categories of projects are concerned. The proper messenger will be made for conversations between the clients and the freelancers. Clients will be able to post the project which they want to be done. Freelancer will take that  
project and will get the reward set by the client for that project after completing it.  
Freelancers will be able to make there profiles and upload there portfolio there. Deadline of project will be set by the client. Rating system of our app will encourage freelancer to improve their progress.

**Features:**

* User Registration.
* User Login with password as well as fingerprint authentication.
* Separate session and interfaces for client and freelancer.
* Project upload and separation of projects on the basis of categories.
* Project bidding by freelancer.
* Rating of the freelancer assigned by client.
* Chat between client and the user the freelancer who bid for project.

**Android Widgets:**

* Button
* Recycler View
* Relative Layout
* Linear Layout
* Progress Dialog
* Material Edit Text
* Spinner
* Text View
* Circle Image View
* Key Store
* Cipher
* Rating Bar

**Classes:**

* FirebaseAuth
* FirebaseStorage
* DatabaseReference
* Context
* Chat
* FirebaseUser
* DataSnapshot
* fingerPrint
* FingerprintHandler
* Project
* User
* Client\_PresentProjects\_Adaptor
* ClientBiddingAdapter
* ClientFinishProjectAdapter
* clistAdapter
* FreelancerBidderAdapter
* FreelancerAddProj
* AddProjectActivity
* ChatActivity
* ClientBiddingActivity
* ClientDashboardActivity
* FreelancerBiddingScreen
* FreelancerDashboardActivity
* LoginActivity
* MainActivity
* MessageActivity
* ProfileActivity
* ProfileJudgeActivity
* ProjectDetailActivity
* RateActivity
* RegisterActivity

**Libraries:**

* Recycler View
* Circular Image
* Firebase Authentication
* Firebase Database
* Firebase Storage
* Glide
* Material

**Project Contribution:**

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| **Member Name** | **Work** |
| Abdul Wahab | Project bidding  User profiles  Freelancer rating  Fingerprint Login  Filter projects with category |
| Taha Attique | Auto Login.  Creation of Project.  Displaying projects on both Client and Freelancer front end.  Creation of Firebase  Filter client on the basis of project |
| Farrukh Azeem | User Login authentication  User Registration  Dashboard (logout)  Chat between client and freelancer |