Role Model	Role Name	Registration	Authentication	Project Change Handler	Provider Search	Project Creation	Plan Checker	Bid Handler	Message Handler	Contract Handler	Payment Handler	Project Tracker	Feedback Handler	GUI
	Description	handling the process of sign up for clients, providers	handling the Process of authentication to find if the user is logged in or not, also it can detect whether the user is provider, client or guest	handling the process of changing in projects	handling the process of searching provider by different Criteria	handling the process of creating the project based on the client request	1) handling the process of begin registered in one of plans. 2) It proposes different plan options	handling the process of creating, accepting, or rejecting a bid	handling the process of sending messages between users based on different events	handling the process of creating contracts	handling the process of Payments	handling the process of tracking project progress, deadline and estimations	handling the process of handling comments and ratings of projects estimations	handling interactions between users and multiple systems
	Protocols and Activities	RegisterUser	AuthenticateUser	ChangeProject	SearchProviders	CreateProjects	CheckPlans	HandleBids	DeliverMessages	CreateProjects	TransferMoney	TrackProjects	DeliverFeedbacks	
	Permissions	read user data, write user data	read user data, authenticate user	read project change data, write project change data	read provider data	write project data	1) write user's plan 2) read user's plan 3) modify: user 's plan	write bid data, read bid data	write message data, read message data	write contract data, read contract data	write payment data, read payment data	read project tracking data, write project tracking data	read feedback data, write feedback data	
Responsibilities	Liveness	Register = (Request.register, Client)	RequestAccess = (Request. Access, Client)	RequestChange = (Request. Change, project)	RequestQuotes = (Request. Quotes, ProviderList)	RequestProject = (Request. Project, Project)	RequestPlan = (Request.Plan, Plan)	RequestBid = (Request.Bid, Bid)	RequestMessage = (Request. Message, MessageList)	RequestContract = (Request. Contract, Contract)	RequestPayment = (Request. Payment, Transaction)	RequestTracking = (Reqeust. Tracking, Progress)	RequestFeedback = (Request. Feedback, Feedback)	RequestInteraction = (Request. Interaction, Interaction)
	Safety	Create a profile in the system	Grant system access	Deliver the changed project	Deliver a list of providers	Generating a project	Prcoess the requested plan	Process with the bid	Deliver a list of messages	creating a contract	Process with the payment	Deliver the progress of projects	Generate the feedback	Handle user interaction in the System