

Fundamentals Of Software Engineering Project Proposal

DoccPlus - Deliverable - 3

Group Members:

Name	Roll Number
Abdul Saboor	L20-1113
Fatima Azfar	L20-1027
Mohammad Anas	L20-1289
Komal Akhlaq	L20-1278
Saad Ahmad Bhatti	L20-1264

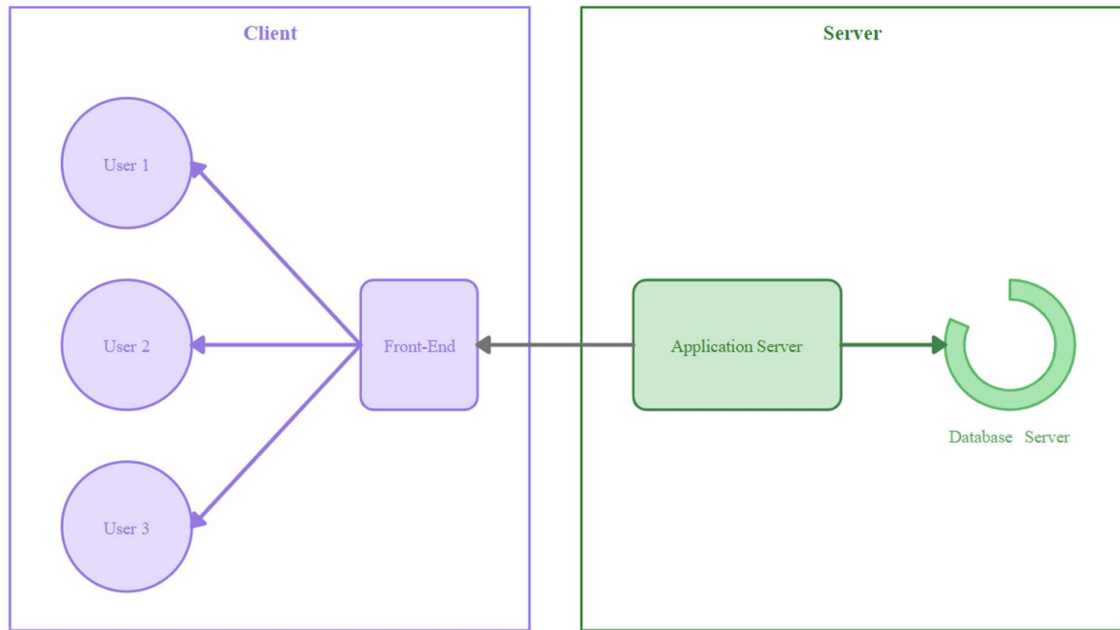
CS2004 Fundamentals of Software Engineering

Spring 2022

Department of Computer Science

FAST-NU, Lahore, Pakistan

Part 1:



Client-Server architecture























This architecture selection is appropriate because we have basically a user accessing all the information from a central cloud server. This server is located on a secure cloud instance. All the communication between both doctors and patients is handled through this central server.

This is the completed high-level diagram of the architecture and defines the placement of essential system components.



















We have specifically used a client-server architecture because this is the inherent architecture for development and most mobile online mobile applications use this architecture in their implementation these days.

Part 2:

Diagram given on next page

ID		Serial	Task Mode	Task Name	Duration	Start	Finish	Done by	Apr '22	M	T
1		1		Proposal	5 days	Tue 19-04-22	Sat 23-04-22	Komal Akhlaq			
2		1.1		Identify needs and project constraints	2 days	Tue 19-04-22	Wed 20-04-22	Komal Akh			
3		1.2		Establish product statement	2 days	Thu 21-04-22	Fri 22-04-22				
4		1.3		Milestone: Product statement defined	1 day	Sat 23-04-22	Sat 23-04-22				
5		2		Requirement Gathering	2 days	Sun 24-04-22	Mon 25-04-22	Komal Akhlaq			
6		2.1		Identifying Application Foundations	2 days	Sun 24-04-22	Mon 25-04-22				
7		3		SRS Document	6 days	Tue 26-04-22	Tue 03-05-22	Fatima Azfar Ziya			
8		3.1		Definition of product's purpose.	2 days	Tue 26-04-22	Wed 27-04-22				
9		3.2		Functional requirements	2 days	Thu 28-04-22	Fri 29-04-22				
10		3.3		Non-functional requirements	2 days	Sat 30-04-22	Mon 02-05-22				
11		3.4		Detailing of all the requirements	2 days	Mon 02-05-22	Tue 03-05-22				
12		4		System Design	4 days	Thu 05-05-22	Tue 10-05-22	Saad Ahmad Bhat			
13		4.1		Diagrams	2 days	Thu 05-05-22	Fri 06-05-22				
14		4.2		Database Design	1 day	Sat 07-05-22	Sat 07-05-22				
15		4.3		Schema Design	2 days	Mon 09-05-2	Tue 10-05-22				
16		5		Design Implementation	40 days	Wed 11-05-22	Tue 05-07-22	Abdul Saboor & Mohammad			
17		5.1		Database SQL	2 days	Wed 11-05-2	Thu 12-05-22	Anas			
18		5.2		Procedures	2 days	Fri 13-05-22	Mon 16-05-2	Anas			
19		5.3		Views	1 day	Tue 17-05-22	Tue 17-05-22	Anas			
20		5.4		Triggers	2 days	Wed 18-05-2	Thu 19-05-22	Anas			
21		5.5		UI Design	33 days	Fri 20-05-22	Tue 05-07-22	Abdul Saboor			

Project: Gantt Chart
Date: Wed 25-05-22

Task		Manual Summary Rollup	
Split		Manual Summary	
Milestone		Start-only	
Summary		Finish-only	
Project Summary		External Tasks	
Inactive Task		External Milestone	
Inactive Milestone		Deadline	
Inactive Summary		Progress	
Manual Task		Manual Progress	
Duration-only	