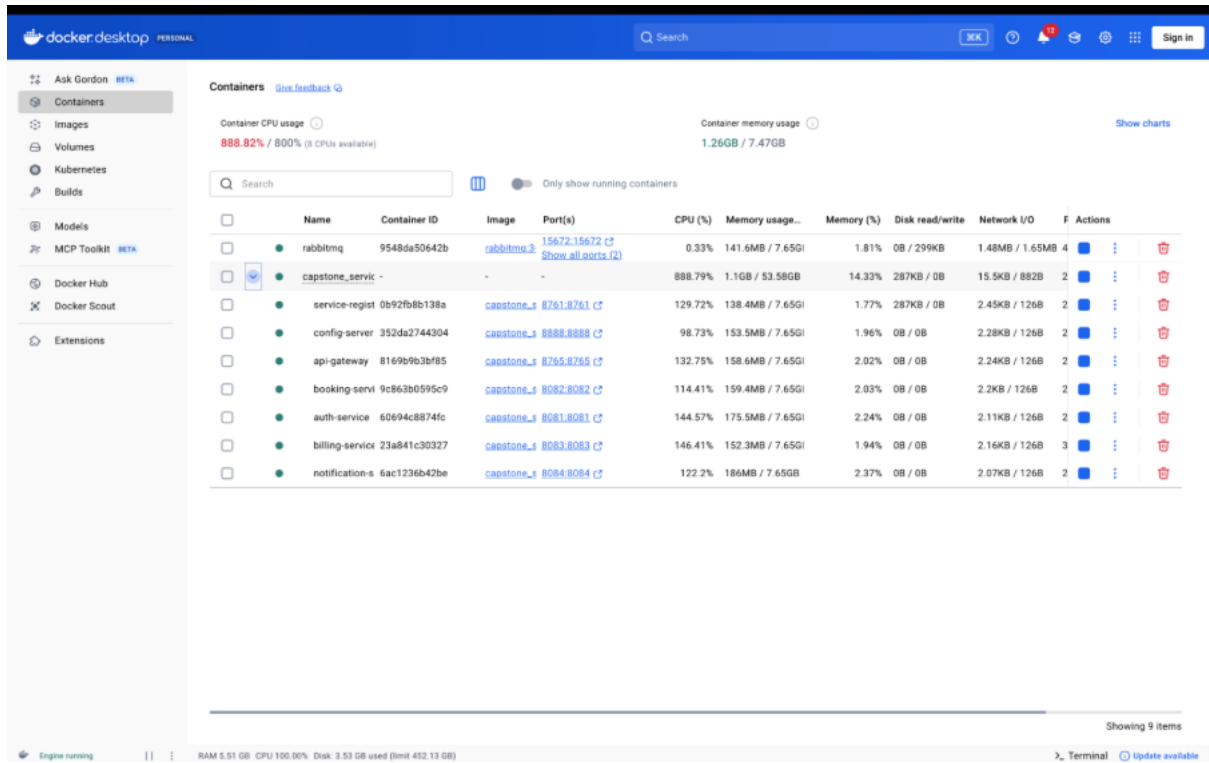


SCREENSHOTS

Docker Deployment:

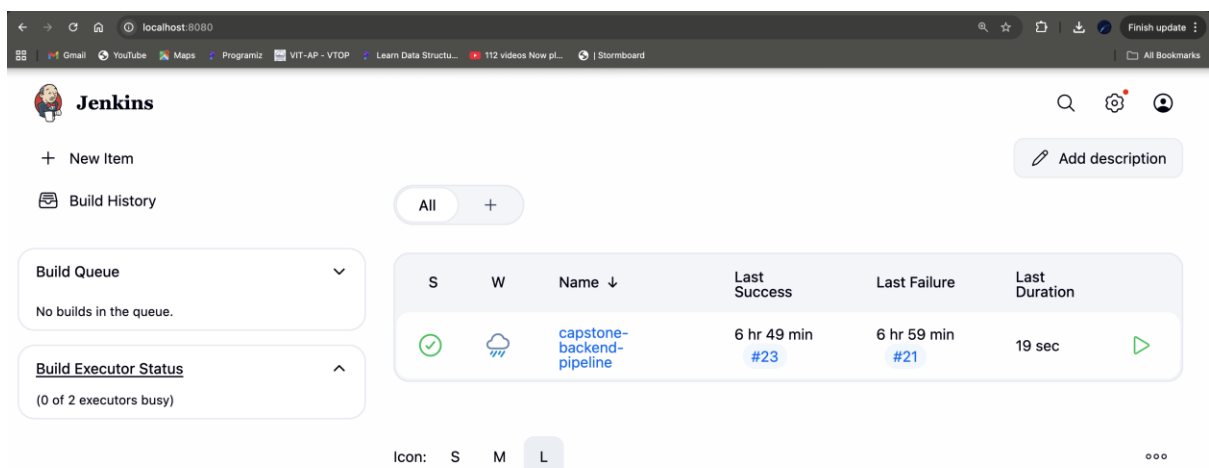


The screenshot shows the Docker Desktop interface. The left sidebar contains navigation options: Containers (selected), Images, Volumes, Kubernetes, Builds, Models, MCP Toolkit, Docker Hub, Docker Scout, and Extensions. The main area displays a list of running containers. At the top, it shows 'Container CPU usage' at 888.82% / 800% (8 CPUs available) and 'Container memory usage' at 1.26GB / 7.47GB. A search bar and a toggle for 'Only show running containers' are present. The container list table is as follows:

	Name	Container ID	Image	Port(s)	CPU (%)	Memory usage...	Memory (%)	Disk read/write	Network I/O	F	Actions
<input type="checkbox"/>	rabbitmq	9548da50642b	rabbitmq:3	15672:15672 (show all ports (2))	0.33%	141.6MB / 7.65Gi	1.81%	0B / 299KB	1.48MB / 1.65MB	4	[stop] [refresh] [delete]
<input checked="" type="checkbox"/>	capstone_servic	0b92fb8b138a	capstone_s:8761.8761		888.79%	1.1GB / 53.58GB	14.33%	287KB / 0B	15.5KB / 882B	2	[stop] [refresh] [delete]
<input type="checkbox"/>	service-regist	352da2744304	capstone_s:8888.8888		129.72%	138.4MB / 7.65Gi	1.77%	287KB / 0B	2.45KB / 126B	2	[stop] [refresh] [delete]
<input type="checkbox"/>	config-server	8169b9b3bf85	capstone_s:8765.8765		98.73%	153.5MB / 7.65Gi	1.96%	0B / 0B	2.28KB / 126B	2	[stop] [refresh] [delete]
<input type="checkbox"/>	api-gateway	9c863b0595c9	capstone_s:8082.8082		132.75%	158.6MB / 7.65Gi	2.02%	0B / 0B	2.24KB / 126B	2	[stop] [refresh] [delete]
<input type="checkbox"/>	booking-servi	60694c8874fc	capstone_s:8081.8081		114.41%	159.4MB / 7.65Gi	2.03%	0B / 0B	2.2KB / 126B	2	[stop] [refresh] [delete]
<input type="checkbox"/>	auth-service	23a841c30327	capstone_s:8083.8083		144.57%	175.5MB / 7.65Gi	2.24%	0B / 0B	2.11KB / 126B	2	[stop] [refresh] [delete]
<input type="checkbox"/>	billing-service	6ac1236b42be	capstone_s:8084.8084		146.41%	152.3MB / 7.65Gi	1.94%	0B / 0B	2.16KB / 126B	3	[stop] [refresh] [delete]
<input type="checkbox"/>	notification-s				122.2%	186MB / 7.65GB	2.37%	0B / 0B	2.07KB / 126B	2	[stop] [refresh] [delete]

At the bottom, it says 'Showing 9 items' and 'Engine running | RAM 5.51 GB | CPU 100.00% | Disk 3.53 GB used (limit 452.13 GB)'. There are also links for 'Terminal' and 'Update available'.

Jenkins:



The screenshot shows the Jenkins web interface in a browser window at localhost:8080. The header includes the Jenkins logo and a 'New Item' button. Below the header, there's a 'Build History' section with a dropdown menu set to 'All'. The main content area displays a table of build history for the 'capstone-backend-pipeline' job. The table has columns for 'S' (Status), 'W' (Workspace), 'Name', 'Last Success', 'Last Failure', and 'Last Duration'. The current build is #23, which is successful (green checkmark) and took 19 seconds. The last failure was build #21, which failed 6 hours and 59 minutes ago. At the bottom, there's a 'Build Queue' section showing 'No builds in the queue.' and a 'Build Executor Status' section showing '(0 of 2 executors busy)'. There are also icons for 'Icon: S M L' and a 'Finish update' button in the top right corner.

S	W	Name	Last Success	Last Failure	Last Duration
✓	☁	capstone-backend-pipeline	6 hr 49 min #23	6 hr 59 min #21	19 sec



Jenkins

capstone-backend-pipeline ▾ / #23



Status



#23 (6 Jan 2026, 17:19:07)

Add description

Keep this build forever

Changes

Console Output

Edit Build Information

Delete build '#23'

Timings

Git Build Data

Pipeline Overview

Replay

Pipeline Steps

Workspaces

Previous Build



Started by user [admin](#)

Started 22 hr ago

Took 19 sec



This run spent:

- 12 ms waiting;
- 19 sec build duration;
- 19 sec total from scheduled to completion.



Revision: 43ab42226ea4f55761d0d90e1fc622346e2e1b1c
Repository: <https://github.com/PolakuJoshikaSree/Capstone-ServiceManagement-Backend.git>

- refs/remotes/origin/main



Changes

1. Refactor Jenkinsfile to build multiple services ([details](#) / [githubweb](#))
2. Fix casing of 'service-catalog' to 'Service-catalog' ([details](#) / [githubweb](#))

Jacoco:

File: /Users/polakujoshikasree/Documents/Capstone_Service-Management-System/Service-catalog/target/site/jacoco/index.html

service_catalog

Element	Missed Instructions	Cov.	Missed Branches	Cov.	Missed	Cxty	Missed	Lines	Missed	Methods	Missed	Classes
com.app.service_catalog.controller	<div><div></div></div>	39%	<div><div></div></div>	25%	12	22	27	42	10	20	0	2
com.app.service_catalog.exception	<div><div></div></div>	82%	<div><div></div></div>	44%	30	60	0	58	7	35	0	5
com.app.service_catalog.service.impl	<div><div></div></div>	90%	<div><div></div></div>	66%	25	63	11	186	5	33	0	2
com.app.service_catalog.security	<div><div></div></div>	90%	<div><div></div></div>	83%	1	5	2	15	0	2	0	1
com.app.service_catalog	<div><div></div></div>	37%	<div><div></div></div>	n/a	1	2	2	3	1	2	0	1
com.app.service_catalog.config	<div><div></div></div>	100%	<div><div></div></div>	n/a	0	8	0	16	0	8	0	3
Total	256 of 1,529	83%	52 of 120	56%	69	160	42	320	23	100	0	14

File: /Users/polakujoshikasree/Documents/Capstone_Service-Management-System/booking-service/target/site/jacoco/index.html

booking-service

Element	Missed Instructions	Cov.	Missed Branches	Cov.	Missed	Cxty	Missed	Lines	Missed	Methods	Missed	Classes
com.app.booking.service	<div><div></div></div>	79%	<div><div></div></div>	66%	10	24	29	121	8	21	0	3
com.app.booking.controller	<div><div></div></div>	37%	<div><div></div></div>	21%	15	23	18	32	1	9	0	2
com.app.booking.exception	<div><div></div></div>	71%	<div><div></div></div>	n/a	2	9	11	50	2	9	0	2
com.app.booking	<div><div></div></div>	37%	<div><div></div></div>	n/a	1	2	2	3	1	2	0	1
com.app.booking.config	<div><div></div></div>	100%	<div><div></div></div>	n/a	0	11	0	26	0	11	0	3
com.app.booking.security	<div><div></div></div>	100%	<div><div></div></div>	100%	0	6	0	31	0	4	0	2
com.app.booking.client	<div><div></div></div>	100%	<div><div></div></div>	n/a	0	2	0	8	0	2	0	1
Total	218 of 953	77%	24 of 38	36%	28	77	60	271	12	58	0	14

Created with JaCoCo 0.8.11.202310140853

auth-service

auth-service

Element	Missed Instructions	Cov.	Missed Branches	Cov.	Missed	Cxty	Missed	Lines	Missed	Methods	Missed	Classes
com.app.auth.service	<div><div></div></div>	81%	<div><div></div></div>	36%	27	60	18	187	9	41	0	3
com.app.auth.controller	<div><div></div></div>	81%	<div><div></div></div>	75%	6	31	9	61	4	27	0	4
com.app.auth	<div><div></div></div>	37%	<div><div></div></div>	n/a	1	2	2	3	1	2	0	1
com.app.auth.security	<div><div></div></div>	100%	<div><div></div></div>	83%	1	12	0	52	0	9	0	2
com.app.auth.exception	<div><div></div></div>	100%	<div><div></div></div>	n/a	0	10	0	38	0	10	0	1
com.app.auth.config	<div><div></div></div>	100%	<div><div></div></div>	n/a	0	12	0	39	0	12	0	4
com.app.auth.mapper	<div><div></div></div>	100%	<div><div></div></div>	n/a	0	3	0	28	0	3	0	1
Total	210 of 1,735	87%	27 of 52	48%	35	130	29	408	14	104	0	16

Created with JaCoCo 0.8.11.202310140853

billing-service

billing-service

Element	Missed Instructions	Cov.	Missed Branches	Cov.	Missed	Cxty	Missed	Lines	Missed	Methods	Missed	Classes
com.app.billing.controller	<div><div></div></div>	31%	<div><div></div></div>	n/a	2	3	3	4	2	3	0	1
com.app.billing	<div><div></div></div>	37%	<div><div></div></div>	n/a	1	2	2	3	1	2	0	1
com.app.billing.service	<div><div></div></div>	100%	<div><div></div></div>	100%	0	7	0	33	0	6	0	1
Total	18 of 142	87%	0 of 2	100%	3	12	5	40	3	11	0	3

Created with JaCoCo 0.8.11.202310140853

api-gateway

api-gateway

Element	Missed Instructions	Cov.	Missed Branches	Cov.	Missed	Cxty	Missed	Lines	Missed	Methods	Missed	Classes
com.app.gateway.security	<div><div></div></div>	74%	<div><div></div></div>	42%	12	28	17	70	2	15	0	3
com.app.gateway	<div><div></div></div>	37%	<div><div></div></div>	n/a	1	2	2	3	1	2	0	1
com.app.gateway.exception	<div><div></div></div>	97%	<div><div></div></div>	n/a	2	13	2	26	2	13	0	1
com.app.gateway.config	<div><div></div></div>	100%	<div><div></div></div>	n/a	0	2	0	9	0	2	0	1
Total	84 of 473	82%	15 of 26	42%	15	45	21	108	5	32	0	6

Created with JaCoCo 0.8.11.202310140853

notification-service

notification-service

Element	Missed Instructions	Cov.	Missed Branches	Cov.	Missed	Cxty	Missed	Lines	Missed	Methods	Missed	Classes
com.app.notification	<div><div></div></div>	37%	<div><div></div></div>	n/a	1	2	2	3	1	2	0	1
com.app.notification.service	<div><div></div></div>	100%	<div><div></div></div>	n/a	0	5	0	17	0	5	0	1
com.app.notification.controller	<div><div></div></div>	100%	<div><div></div></div>	n/a	0	4	0	5	0	4	0	1
Total	5 of 85	94%	0 of 0	n/a	1	11	2	25	1	11	0	3

Created with JaCoCo 0.8.11.202310140853

SonarQube:

SonarQube

cloud

My ProjectsMy IssuesExplore

Upgrade

service-catalog

Project

Private

Bind project

Overview

Main Branch

Pull Requests

Branches

Information

Administration

PolakuJoshikaSree > service-catalog > master

SummaryIssuesSecurity HotspotsMore

Security

0 Open issues

A

Reliability

0 Open issues

A

Maintainability

14 Open issues

A

Accepted Issues

0

Coverage

76.4%

No conditions set on 325 Lines to cover

Duplications

0.0%

No conditions set on 1.4k Lines

Security Hotspots

1

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SonarQube

cloud

My ProjectsMy IssuesExplore

Upgrade

auth-service

Project

Private

Bind project

Overview

Main Branch

Pull Requests

Branches

Information

Administration

PolakuJoshikaSree > auth-service > master

SummaryIssuesSecurity HotspotsMore

Security

0 Open issues

A

Reliability

0 Open issues

A

Maintainability

20 Open issues

A

Accepted Issues

0

Coverage

82.9%

No conditions set on 419 Lines to cover

Duplications

0.0%

No conditions set on 1.7k Lines

Security Hotspots

1

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sonarcloud.io/summary/overall?id=PolakuJoshikaSree_Capstone-ServiceManagement-Backend&branch=main

SonarQube cloud

My Projects My Issues Explore Upgrade

notification-service Project

Public

Overview

Main Branch

Pull Requests

Branches


Information

Administration




PolakuJoshikaSree > notification-service > main




Summary Issues Security Hotspots More

Quality Gate: [Sonar_way](#)

 **Passed**

New Code Overall Code

Security	Reliability	Maintainability
0 Open Issues 	0 Open Issues 	2 Open Issues 

Accepted Issues	Coverage	Duplications
0 	95.2% No conditions set on 42 Lines to cover 	0.0% No conditions set on 344 Lines 

Security Hotspots

SonarQube cloud

My Projects My Issues Explore Upgrade

booking-service Project

Private Bind project

Overview




Main Branch




Pull Requests

Branches

PolakuJoshikaSree > booking-service > master

Summary Issues Security Hotspots More

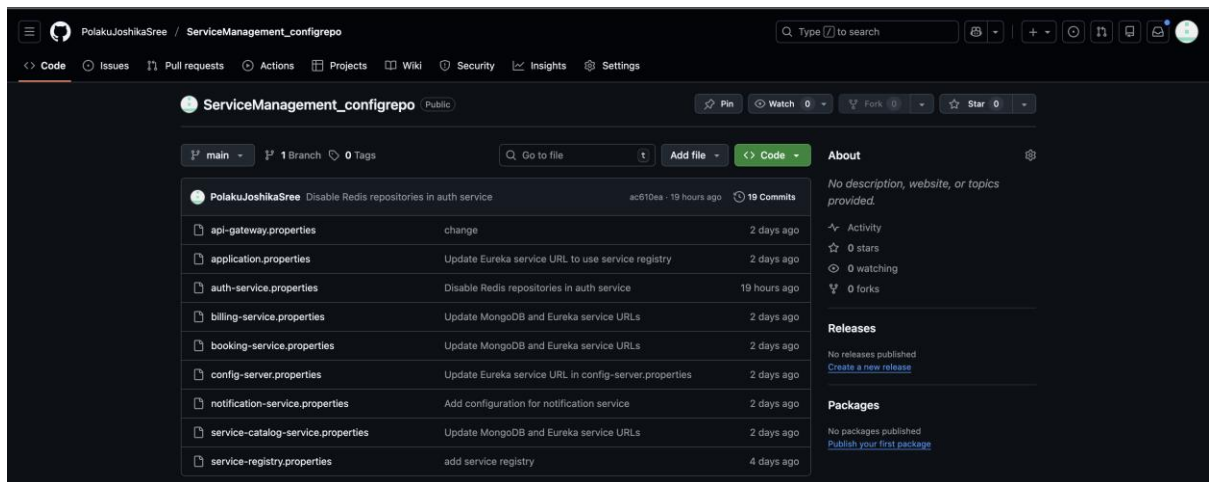
Security	Reliability	Maintainability
0 Open Issues 	0 Open Issues 	23 Open Issues 

Accepted Issues	Coverage	Duplications
0 	83.9% No conditions set on 298 Lines to cover 	0.0% No conditions set on 1.5k Lines 

Security Hotspots

2

Config-Repo:



RabbitMQ:

localhost:15672/#/queues Refreshed 2026-01-07 21:41:40 Refresh every 5 seconds

RabbitMQ 3.13.7 Erlang 26.2.5.16 Virtual host All Cluster rabbit@rabbit-local User guest Log out

Overview Connections Channels Exchanges **Queues and Streams** Admin

Queues

▼ All queues (2)

Page 1 of 1 - Filter: ☐ Regex ? Displaying 2 items , page size up to: 100

Overview					Messages			Message rates				+/-
Virtual host	Name	Type	Features	State	Ready	Unacked	Total	incoming	deliver / get	ack		
/	billing.queue	classic	D	running	0	0	0	0.00/s	0.00/s	0.00/s		
/	notification.queue	classic	D	running	0	0	0	0.00/s	0.00/s	0.00/s		

► Add a new queue

HTTP API Documentation Tutorials New releases Commercial edition Commercial support Discussions Discord Plugins GitHub

Swagger:

OpenAPI definition v0 OAS 3.0

[/v3/api-docs](#)

Servers

booking-controller

PUT	/api/bookings/{bookingId}/status	▼
PUT	/api/bookings/{bookingId}/reschedule	▼
PUT	/api/bookings/{bookingId}/cancel	▼
PUT	/api/bookings/{bookingId}/assign/{technicianId}	▼
GET	/api/bookings	▼
POST	/api/bookings	▼
GET	/api/bookings/technician/my	▼
GET	/api/bookings/my	▼

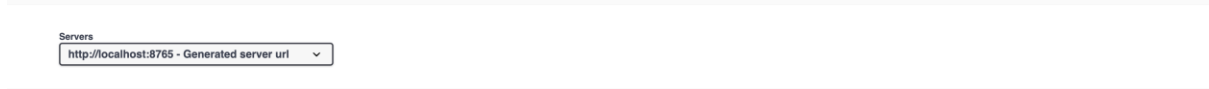
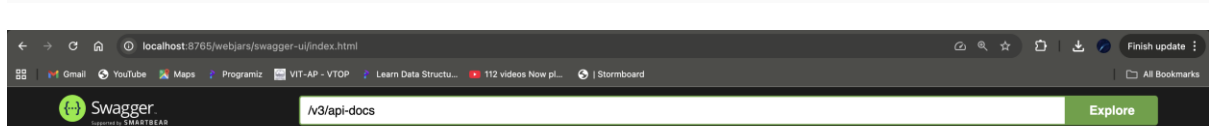
OpenAPI definition v0 OAS 3.0

[/v3/api-docs](#)

Servers

category-controller

DELETE	/api/services/categories/{id}	▼
GET	/api/services/categories/{id}	▼
GET	/api/services/categories	▼
GET	/api/services/categories/active	▼
POST	/api/services/categories	▼
PUT	/api/services/categories/{id}	▼
PUT	/api/services/categories/{id}/status	▼
PUT	/api/services/categories/reorder	▼



localhost:8761

Finish update

spring Eureka

HOME LAST 1000 SINCE STARTUP

System Status

Environment	test	Current time	2026-01-07T05:40:24 +0530
Data center	default	Uptime	02:57
		Lease expiration enabled	true
		Renews threshold	13
		Renews (last min)	14

DS Replicas

Instances currently registered with Eureka

Application	AMIs	Availability Zones	Status
API-GATEWAY	n/a (1)	(1)	UP (1) - 192.168.0.101:api-gateway:8765
AUTH-SERVICE	n/a (1)	(1)	UP (1) - 192.168.0.101:auth-service:8802
BILLING-SERVICE	n/a (1)	(1)	UP (1) - 192.168.0.101:billing-service:8086
BOOKING-SERVICE	n/a (1)	(1)	UP (1) - 192.168.0.101:booking-service:8084
CONFIG-SERVER	n/a (1)	(1)	UP (1) - 192.168.0.101:config-server:8888
NOTIFICATION-SERVICE	n/a (1)	(1)	UP (1) - 192.168.0.101:notification-service:8087
SERVICE-CATALOG-SERVICE	n/a (1)	(1)	UP (1) - 192.168.0.101:service-catalog-service:8082

FRONTEND:

Login:

localhost:4200/login

Finish update

Login

Email

Password

Login

Don't have an account?

Register

Register:

localhost:4200/register

Create Account

First Name

Last Name

Email

Password

Phone Number (+91xxxxxxxx)

Address

City

State

Zip Code

Register

Already have an account?

Login

Customer Dashboard:

localhost:4200/customer/services

ServiceHub

14 My Bookings My Invoices Logout

Home services at your doorstep

Trusted professionals. Transparent pricing.

Search for services...

All plumbing Electrical AC Services Cleaning Appliance Repair Painting Carpentry Pest Control Bathroom & Kitch

AC Services

AC General Service

Routine AC servicing and cleaning

₹599

View Details

AC Gas Refill

Refilling AC refrigerant gas

₹1499

View Details

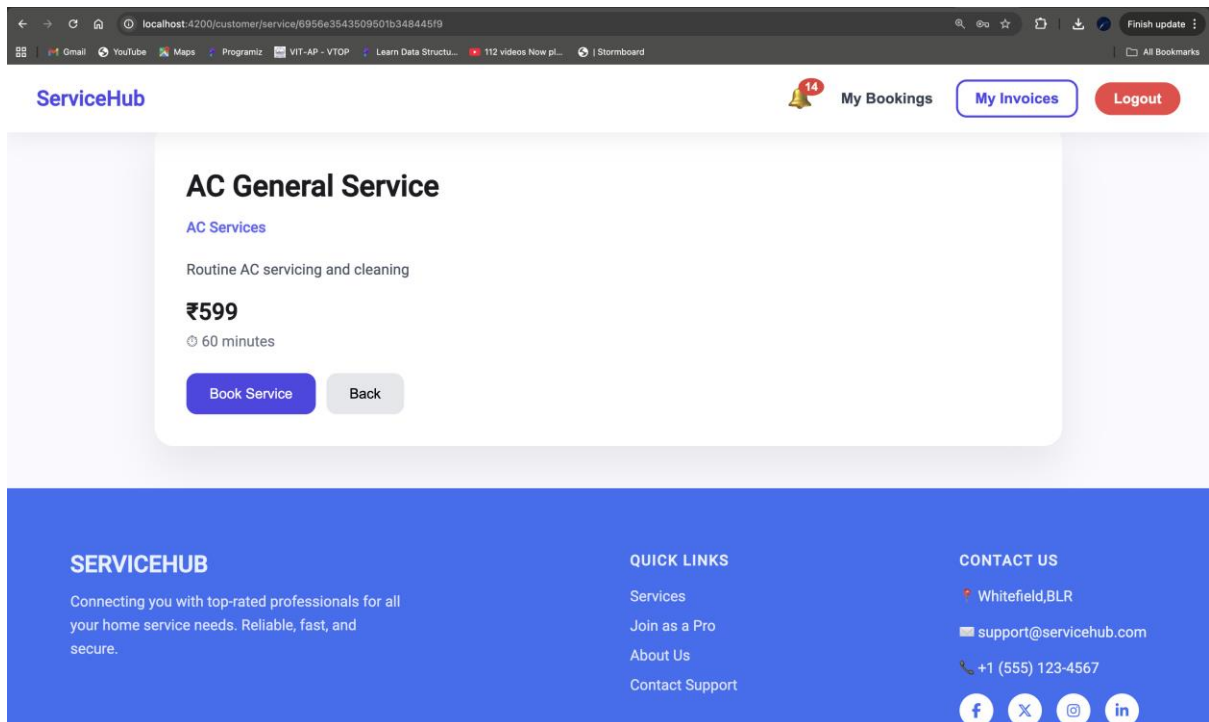
AC Installation

Split and window AC installation

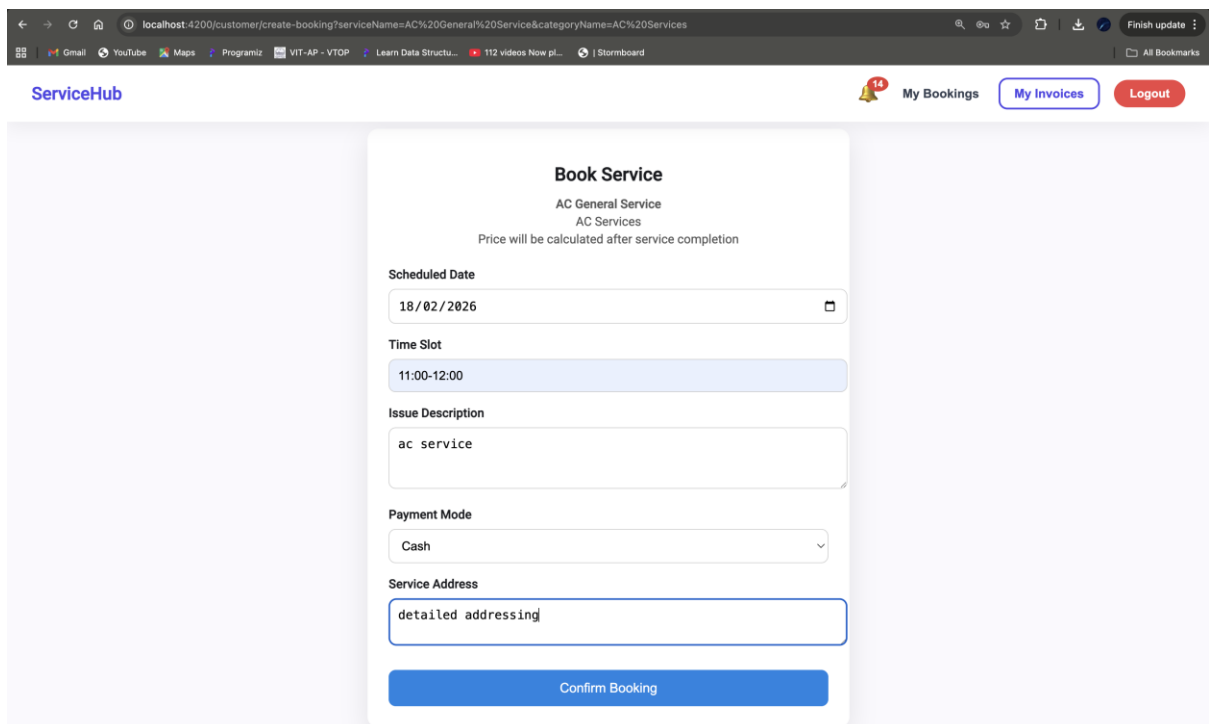
₹2499

View Details

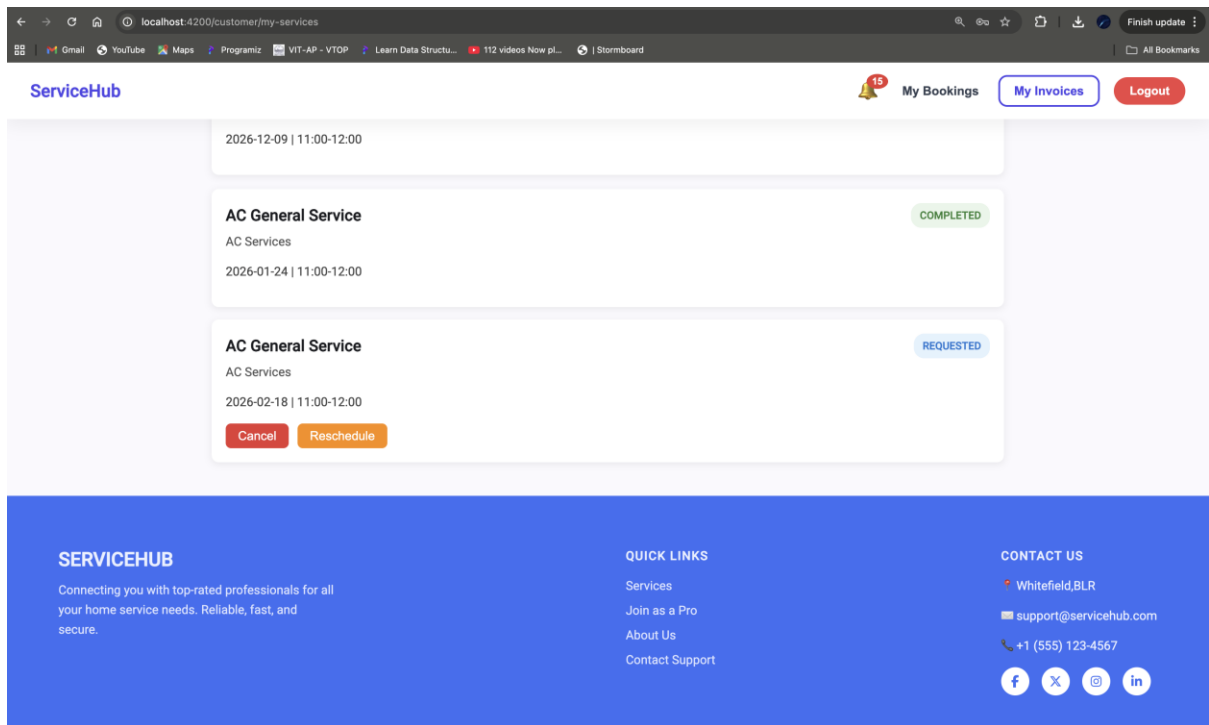
After clicking view details:



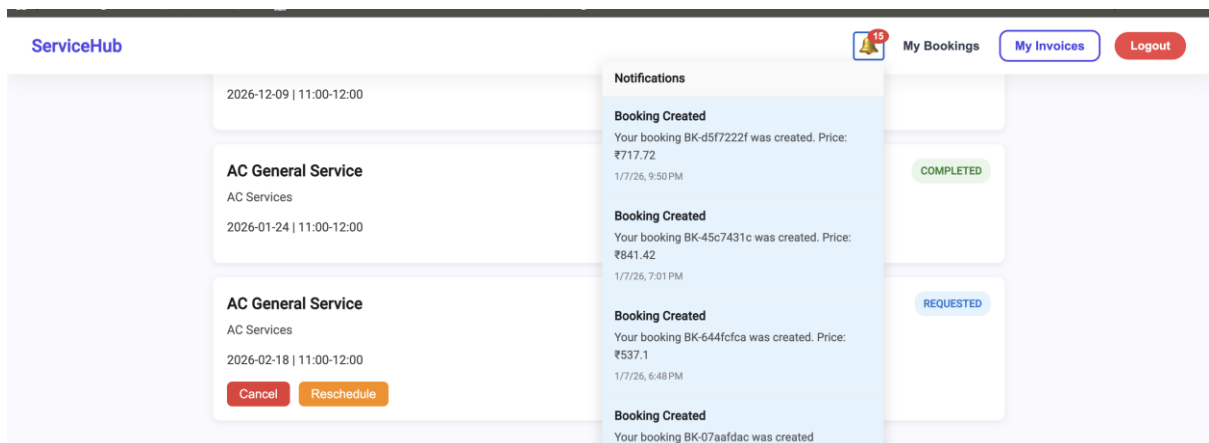
Create Booking:



My Bookings:



Notifications:



After Booking is Done:

ServiceHub

15

My Bookings

My Invoices

Logout

My Invoices

Invoice ID

PAID

INV-f33e8dd1

✓ Payment Completed

Invoice ID

PENDING PAYMENT

INV-6eabae7a

Pay Now

SERVICEHUB

Connecting you with top-rated professionals for all your home service needs. Reliable, fast, and secure.

QUICK LINKS

Services

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Contact Support

CONTACT US

📍 Whitefield,BLR

✉ support@servicehub.com

☎ +1 (555) 123-4567

f

X

@

in

Manager Dashboard:

ServiceHub

Logout

Requested Service Bookings

AC General Service

AC Services

2026-02-03 | 18:00-19:00

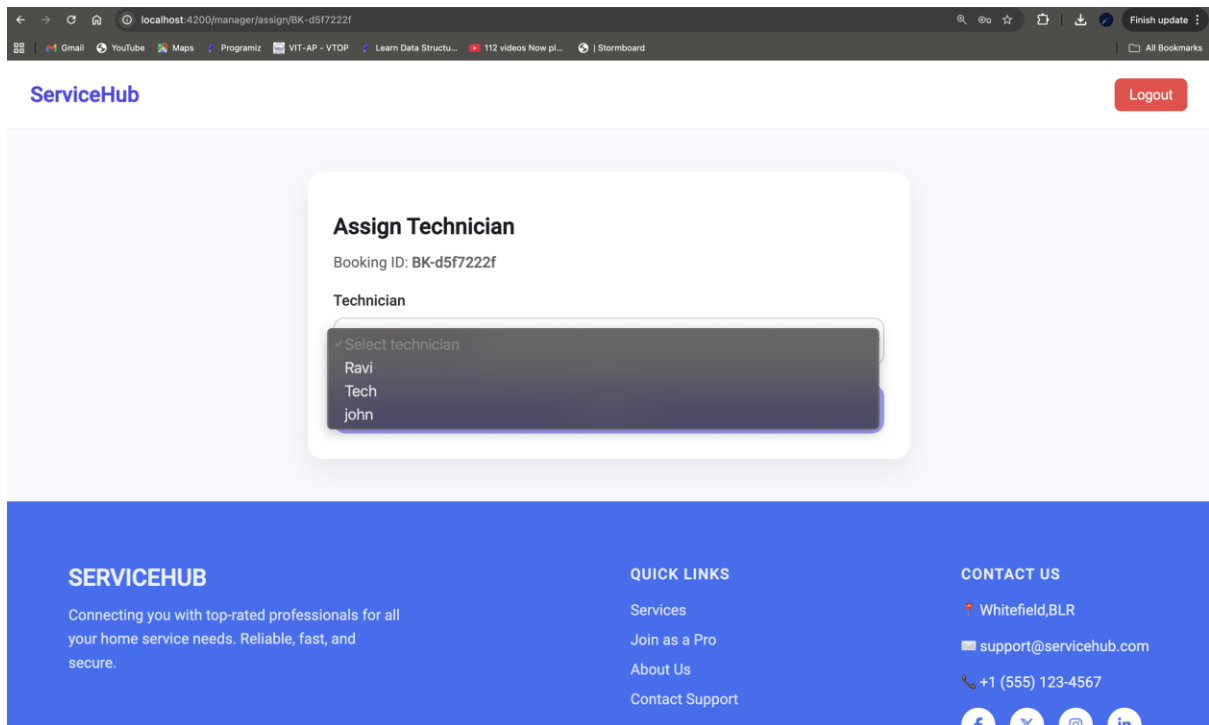
Status: REQUESTED

Assign Technician

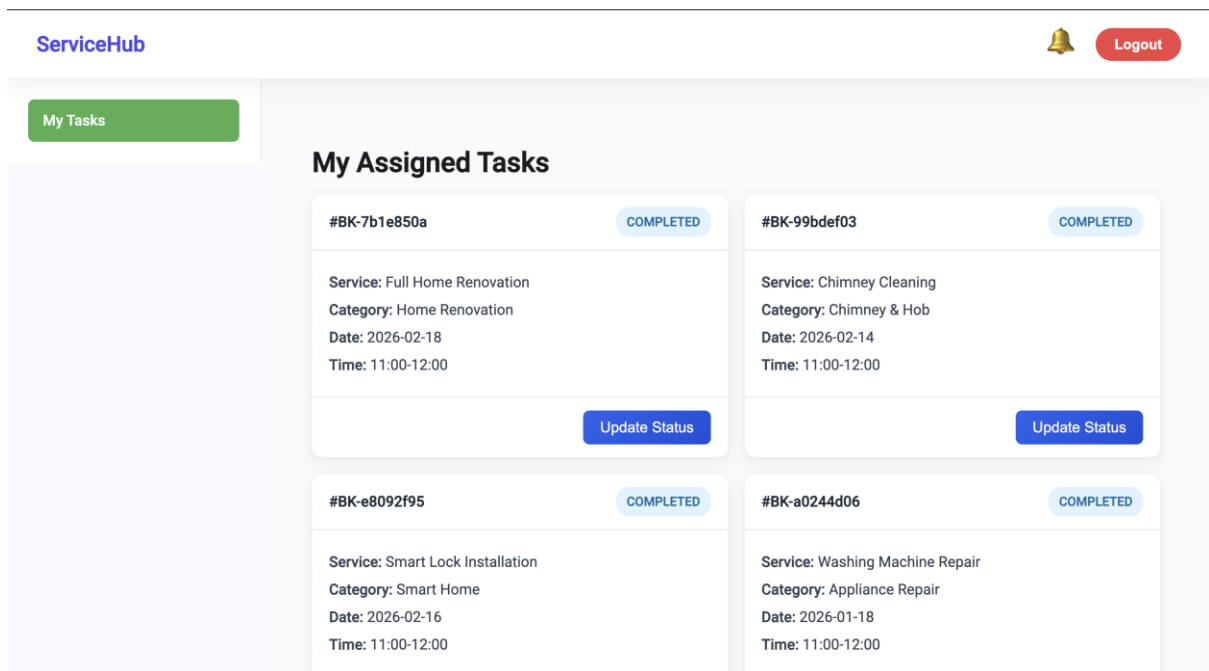
AC General Service

AC Services

Assign Technicians:



Technician Dashboard:



Update Status:

My Tasks

Update Booking Status

Status

In Progress

Update

Notifications Technician:

My Tasks

My Assigned Tasks

#BK-7b1e850a

COMPLETED

Service: Full Home Renovation

Category: Home Renovation

Date: 2026-02-18

Time: 11:00-12:00

Update Status

#BK-e8092f95

COMPLETED

New Service Assigned

You have been assigned booking BK-d5f7222f

1/7/26, 9:53 PM

New Service Assigned

You have been assigned booking BK-d5f7222f

1/7/26, 9:53 PM

Service Completed

You completed booking BK-45c7431c

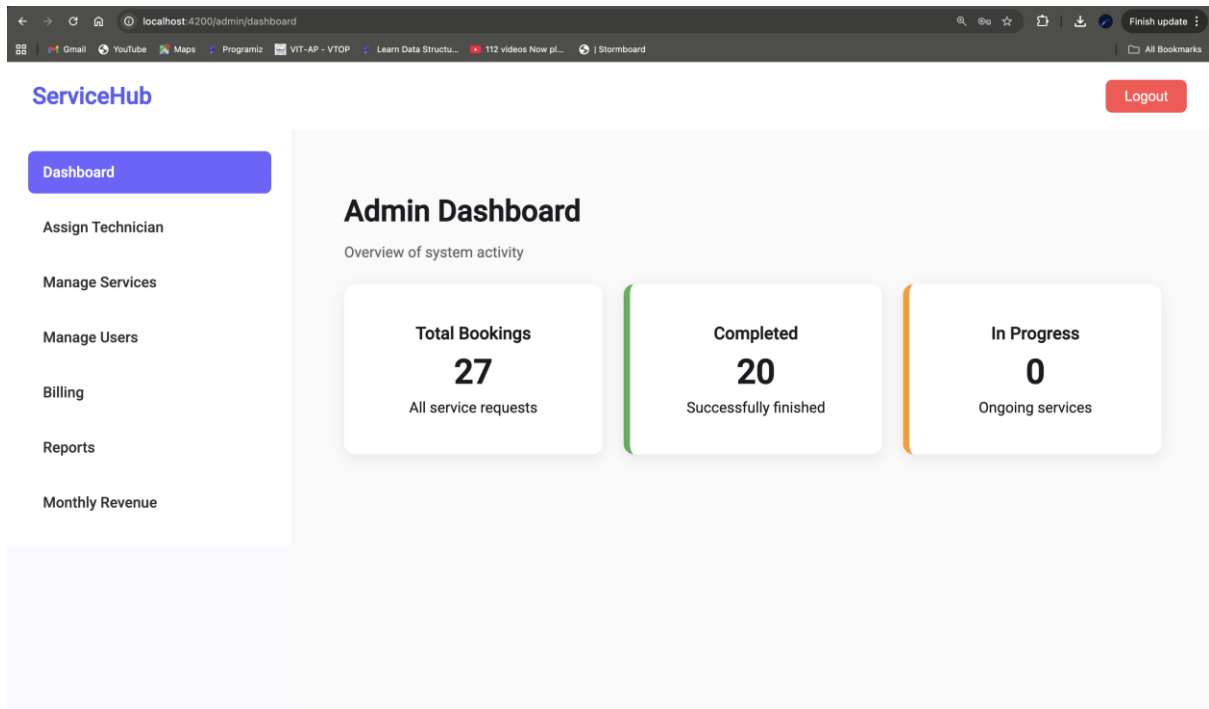
1/7/26, 7:02 PM

New Service Assigned

You have been assigned booking BK-45c7431c

1/7/26, 7:01 PM

Admin Dashboard:



The screenshot shows the Admin Dashboard of ServiceHub. The browser address bar indicates the URL is localhost:4200/admin/dashboard. The page features a sidebar with navigation links: Dashboard, Assign Technician, Manage Services, Manage Users, Billing, Reports, and Monthly Revenue. The main content area is titled "Admin Dashboard" and provides an "Overview of system activity". It displays three key metrics: Total Bookings (27, All service requests), Completed (20, Successfully finished), and In Progress (0, Ongoing services). A "Logout" button is located in the top right corner.

ServiceHub

Logout

Dashboard

Assign Technician

Manage Services

Manage Users

Billing

Reports

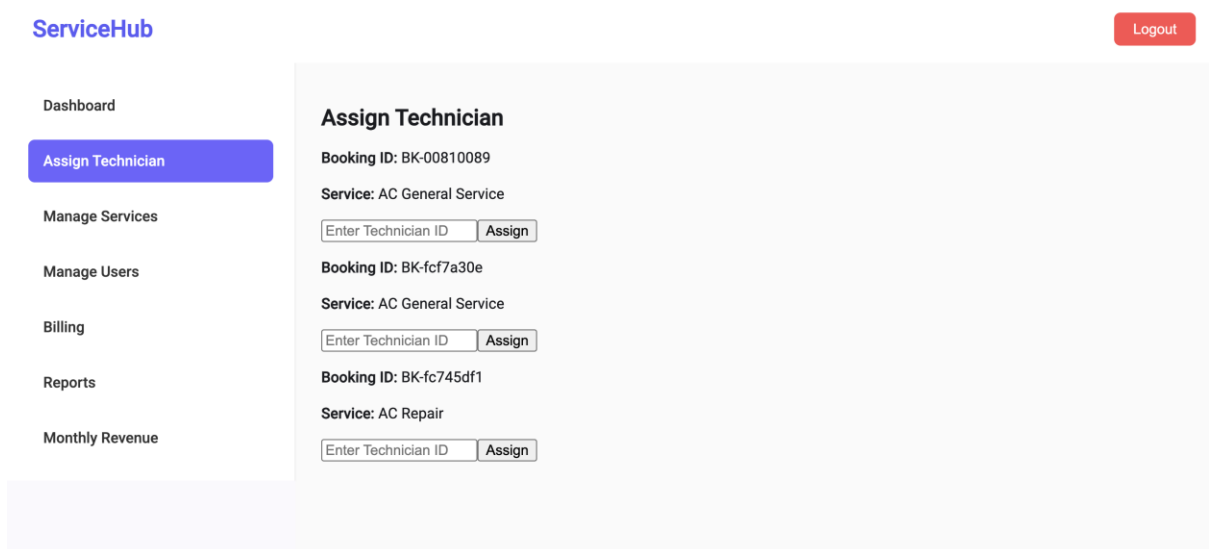
Monthly Revenue

Admin Dashboard

Overview of system activity

Total Bookings 27 All service requests	Completed 20 Successfully finished	In Progress 0 Ongoing services
--	--	--

Assign Technician:



The screenshot shows the Assign Technician page in ServiceHub. The browser address bar indicates the URL is localhost:4200/admin/assign-technician. The page features a sidebar with navigation links: Dashboard, Assign Technician, Manage Services, Manage Users, Billing, Reports, and Monthly Revenue. The main content area is titled "Assign Technician" and displays three booking entries. Each entry shows the Booking ID, Service, and a form to assign a technician. The "Assign" button is highlighted in blue. A "Logout" button is located in the top right corner.

ServiceHub

Logout

Dashboard

Assign Technician

Manage Services

Manage Users

Billing

Reports

Monthly Revenue

Assign Technician

Booking ID: BK-00810089

Service: AC General Service

Enter Technician ID

Booking ID: BK-fc7a30e

Service: AC General Service

Enter Technician ID

Booking ID: BK-fc745df1

Service: AC Repair

Enter Technician ID

Services:

Dashboard

Assign Technician

Manage Services

Manage Users

Billing

Reports

Monthly Revenue

Service Catalog

+ Add Service

Name	Category	Price	Description
plumb		₹	Complete plumb
Tap Repair		₹	Fix leaking or broken taps
Bathroom Fitting		₹	Installation of bathroom accessories
Switch Board Repair		₹	Fix damaged or faulty switchboards
Fan Installation		₹	Ceiling and wall fan installation
Wiring Repair		₹	Repair of damaged electrical wiring
Light Installation		₹	LED, tube light and decorative lights
Power Socket Repair		₹	Fix loose or damaged power sockets
AC General Service		₹	Routine AC servicing and cleaning
AC Gas Refill		₹	Refilling AC refrigerant gas
AC Installation		₹	Split and window AC installation

Add services:

Dashboard

Assign Technician

Manage Services

Manage Users

Billing

Reports

Monthly Revenue

Service Catalog

+ Add Service

Service Name
Category
0
Description
<input type="button" value="Save"/> <input type="button" value="Cancel"/>

Name	Category	Price	Description
plumb		₹	Complete plumb
Tap Repair		₹	Fix leaking or broken taps
Bathroom Fitting		₹	Installation of bathroom accessories
Switch Board Repair		₹	Fix damaged or faulty switchboards

Manage Users:

ServiceHub

Logout

Dashboard

Assign Technician

Manage Services

Manage Users

Billing

Reports

Monthly Revenue

Users

Registered system users

+ Add User

Email	Name	Role	Status
admin@test.com	Admin Updated	MANAGER	ACTIVE
admin@test1.com	Admin Updated	ADMIN	ACTIVE
carlos@gmail.com	F1 RACER	CUSTOMER	ACTIVE
tech1@test.com	Ravi Kumar	CUSTOMER	ACTIVE
service@test.com	Admin User	MANAGER	ACTIVE
ravi.tech@test.com	Ravi Technician	TECHNICIAN	ACTIVE
Joshikasreepolaku@gmail.com	Joshika Polaku	CUSTOMER	ACTIVE

Add user:

ServiceHub

Logout

Dashboard

Assign Technician

Manage Services

Manage Users

Billing

Reports

Monthly Revenue

Users

Registered system users

+ Add User

First Name

Last Name

Email

Phone Number (+91XX)

Password

Select Role

Address

City

State

Zip Code

Create

Cancel

Email	Name	Role	Status
admin@test.com	Admin Updated	MANAGER	ACTIVE
admin@test1.com	Admin Updated	ADMIN	ACTIVE
carlos@gmail.com	F1 RACER	CUSTOMER	ACTIVE
tech1@test.com	Ravi Kumar	CUSTOMER	ACTIVE

Billing:

ServiceHub

Logout

Dashboard

Assign Technician

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Billing

Reports

Monthly Revenue

Billing

Customer invoices

Invoice No	Customer	Total	Status	Date
INV-f33e8dd1	6957798d8365727bedc443cf	₹499		
INV-6eabae7a	6957798d8365727bedc443cf	₹499		

Reports:

Assign Technician

Manage Services

Manage Users

Billing

Reports

Monthly Revenue

Reports

Bookings by Status

Status	Count
CANCELLED	1
REQUESTED	3
COMPLETED	20
ASSIGNED	3

Technician-wise Task Count

Technician ID	Task Count
695c796b1ed3e73fd391e0ce	1
6958d356cc41aa6dc1deb7b4	9
6952b7d8e5361c03fdb223f3	1
695be1bbd977dc4503022e1e	12

Monthly Revenue:

Dashboard

Assign Technician

Manage Services

Manage Users

Billing

Reports

Monthly Revenue

Monthly Revenue

Revenue generated from paid invoices

Month	Total Revenue (₹)
2026-01	₹ 499