

Software project phase 2

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- 1 - This project require java 17 as a minimum SDK version
- 2 – please install maven in project before running

Explain How flow events must be done by admin

- 1 - As an admin you can add over all discount without require any thing before it.
- 2 – can add special discount but must show all services to choose service id before add discount.
- 3 - any other requirement works directly.

Explain How flow events must be done by user

- 1 - Must sign up first and then sign in before do anything.
- 2 - Search on service and show its id.
- 3 – then show form for this service id
- 4 – then fill form in the order in which it appeared, and all inputs must pass them as string .
- 5 – after pay service, it will show your transaction in your profile API.

6 – if you want to refund transaction, you must show all transaction in your profile and get transaction id and put it in refund request API.

First, we take about Admin requirements

Requirement	endpoint	Function name	Method Type	How to use
Add special discount	/addSpecialDiscount	addSpecialDiscount(Array List<String> data)	Post	Write array from size 2 EX: [4,10] first item -> service id Second item -> discount value
Show all refund requests	/showMyRefundAdmin	ShowRefundRequest()	Get	Write only URL And all refund will appear
Add overall discount	/addOverallDiscount	addOverallDiscount(int dis)	Post	Write discount value
accept refund request	/acceptedRefund	acceptedRefund(int dis)	post	Write transaction id And will automatic accepted
Rejected refund request	/rejectedRefund	rejectedRefund(int dis)	post	Write transaction id And will automatic rejected
Show all services	/showAllServices	showServiceData()	Get	Write only URL And all services data

Second we take about user requirement

Requirement	endpoint	Function name	Method Type	How to use
Sign up	/signUp	signUp(User)	Post	<p>Write json like this to insert user</p> <p>Ex: <pre>{ "password": "1010", "email": "amr@gmail.com", "userName": "anas02" }</pre> </p> <p>Can change all data in this json</p>
Sign in	/signIn	signIn(Array<>data)	Post	<p>Write json like this to sign in</p> <p>EX: ["amr", "1010"]</p> <p>First item is your email and second is password Send it as strings like example</p>
Show my profile	/profile	getCurUser()	Get	Write URL only after signing up and sign in first and will show all your data
Search on service	/serviceSearch /{serviceName}	getMatchingServices(String)	Get	Write URL and pass service name
Show form for specific service	/service/{serviceId}	getServiceForm(int)	Get	Write URL and pass service id
add money to wallet	/addToWallet	addToWallet(float)	Post	<p>Write only one integer in json is money value</p> <p>EX: 10</p>
Add refund request	/refundRequest	addRefundRequest(int)	Post	<p>Write only one integer in json is transaction id</p> <p>Ex: 1</p>
Show all your refund request and them status	/showMyRrefund	showMyRefundTransactions()	Get	Write Only URL
Pay service	/payService	payService()	Post	<p>You will write array But must first item is service it, so you should search on which service you want to show service id, then fill form by order like form is show ,all data must pass as String</p> <p>Ex: ["4", "01241209334", "50", "1", "0"]</p> <p>This example fill form belongs to service id 4</p>