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| --- | --- | --- | --- |
| Requirements | Mapping | Value | RequestBody |
| Sign up user | @PostMapping | Value="/signup" | User object  Example:  {      "name":"Ahmed",      "mail":"a@gmail",      "user\_Pass":"123",      "card\_Pass":"241",      "wallet":{          "amount":240.0      },      "card":{          "amount":130.0      }  } |
| Sign in user | @postMapping | value = "/loginUser" | Login object  Example:  {      "mail":"a@gmail",      "user\_Pass":"123"  } |
| Signout user | @postMapping | value = "/signoutUser" | empty |
| Search if service available | @PostMapping | value = "/search" | Service data object  Example :  {      "test":"Internet"  } |
| User Pay for a Service | @PostMapping | value = "/pay" | Form object  Example:  {      "ServiceName":"Internet",      "CompanyName":"Vodafone",      "PayMethod":2  } |
| User send refund request | @PostMapping | value = "/sendrefund" | String service name  Example:  Internet |
| User Add to wallet from credit card | @PutMapping | value = "/addtowallet" | Credit\_card object  Example:  {      "cost":30.0,      "pass":"241"  } |
| Search if there is discount | @PostMapping | value = "/searchdiscount" | String service name  Example:  Internet |
| Admin Login | @PostMapping | value = "/loginAdmin" | Admin object  Example:  {      "name":"Aliah",      "password":"123"  } |
| Admin Add discount | @PostMapping | value = "/adddiscount" | Discount object  Example:  {      "Type":"Internet",      "perc":"25"  } |
| List all user transactions | @GetMapping | "/list\_transactions" | String name of the user  Example:  Ahmed |
| Admin response to user refund | @PostMapping | value = "/Send" | Refund object  Example:  {      "name":"Ahmed",      "state":"AC"  } |
| List all refund request | @GetMapping | value = "/list" | empty |