1. Create customer address attribute "mobile" and save in customer address and display in customer address book and display in checkout form and save with Order address while placing the order. ……..Done In Magento 1

* I have created Module in Magento1 and please go through Magento1\app\code\local\Testm\CustomerAttribute.
* My Attribute code is “mobile\_number” and it will show in customer\_address\_book, quote\_address and order\_address.
* It will show also in backend in [Customer->Manage Address->Account Address].
* My module has been put proper folder location. You can directly put my module in Magento 1.
* I have created cutom theme for overriding frontend .phtml file and my theme name is “rwd/testm”. Please set this theme in backend [system->configuration->General->Design->Theme].
* If you want mobile number display in billing address on Customer Dashboard page inside Addess section. You have to add some code in backend [system->configuration->customer configuration->address template]

Please go through here [Magento1\app\design\frontend\rwd\testm\template\customer\address\readme.txt]

2) Create a table (discountcards) with following columns.

 entity\_id,discount\_number,customer\_id,is\_active. ……..Done In Magento 1

1. Create a menu in customer section left side "discount cards" with form and submit data. ……..Done In Magento 1

* I have created Module in Magento1 and please go through Magento1\app\code\local\Testm\DiscountCard.
* I have created Table and table name is “discount\_cards”.
* It will show in frontend cutomer left menu “cutomer\_account\_navigation”.
* My module has been put proper folder location. You can directly put my module in Magento 1.
* I have created cutom theme for cutom module .phtml file and my theme name is “rwd/testm”. Please set this theme in backend [system->configuration->General->Design->Theme].
* When customer not logged in then discount card form will not show. It will show when customer is Logged-in.

4) Create an API end point in magento such that it fetches the customer email, with customer ID as argument/ request to the API. (SOAP / REST) ……..Done In Magento 2

* I have created Module in Magento2 and please go through Maento2\app\code\Celcom\ CustomerDetailApi.
* For Admin Token, I have added new system integration in backend and give user permission to customer access.
* Using this oauth token, Request to custom rest url in Postman and getting successful response.

…………………………………………………………………………………………………………………………………………

Kindly submit the completed exercise in a github / bitbucket repo.  
  
**P.S. You can choose Magento1 or Magento2 based on your proficiency. Your code must adhere to Magento coding standards.**