Server Structure

# API End Points

* **/api/items**
  + **Get**
  + **Returns all items with details**
  + **Admin and Public**
  + **Student 3**
* **/api/items/:itemId**
  + **Get with params**
  + **Returns details of one item**
  + **Admin and Public**
  + **Student 1**
* **/api/items**
  + **Post**
  + **Add new item**
  + **Admin Only**
  + **Student 4**
* **/api/items/:itemId**
  + **Put**
  + **Updates item**
  + **Admin only**
  + **Student 4**
* **/api/items/:itemId**
  + **Delete**
  + **Deletes item**
  + **Admin only**
  + **Student 4**
* **/api/user/login**
  + **Post**
  + **Logs in a registered user**
  + **Public**
  + **Student 3**
* **/api/user/register**
  + **Post**
  + **Registers a new user**
  + **Public**
  + **Student 3**
* **/api/user/shoppingcart**
  + **Get**
  + **Returns shopping cart of the requesting user**
  + **Public**
  + **Student 3**
* **/api/user/shoppingcart/**
  + **Post**
  + **Add new Shopping Cart item**
  + **Public**
  + **Student 2**
* **/api/user/shoppingcart/:itemId**
  + **Put**
  + **Updates shopping cart of the requesting user**
  + **Public**
  + **Student 1**
* **/api/user/shoppingcart/:itemId**
  + **Delete**
  + **Deletes shopping cart item of the requesting user**
  + **Public**
  + **Student 1**
* **/api/user/checkout**
  + **Post**
  + **Checkout all shopping cart items of the requesting user**
  + **Public**
  + **Student 2**
* **/api/user/history/**
  + **Get**
  + **Returns previous all purchases according to the requesting user**
  + **Public**
  + **Student 3**
* **/api/user/history/:purchaseId**
  + **Get with params**
  + **Returns a single instance purchase according to the requesting user**
  + **Public**
  + **Student 1**
* **/api/purchases/**
  + **Get**
  + **Returns previous all purchases of all users**
  + **Admin only**
  + **Student 4**
* **/api/purchases/:purchaseId**
  + **Get with params**
  + **Returns a single instance purchase according to the requesting user**
  + **Admin only**
  + **Student 4**

# Database Structure

* Users
  + Email
  + googleId
  + currency
* Items
  + itemName
  + itemDesc
  + imgUrl
  + price
* Shoppingcarts
  + userId
  + itemId
  + qty
  + price
* Purchases
  + userId
  + cart
    - itemId
    - itemName
    - priceOfOne
    - priceOfRow
    - qty
  + datetime
  + total