**Electronic Reservation System (ERS)**

**Features:**

1. Building
   1. List
   2. Add
   3. Delete
2. Create Rooms
   1. Class Room
   2. Meeting Room
   3. Computer Laboratory
3. Reservation
   1. Make Reservation
   2. Edit Reservation
   3. Cancel Reservation
4. Find Available Rooms
5. Show Report

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| MENU | Description | Function name |
| 0 | Show ERS menu | show\_menu |
| 1 | Show | show\_balance |
| 2 | Deposit to Wallet | deposit |
| 3 | Withdraw from Wallet | withdraw |
| 4 | Show Transaction history | show\_transaction\_history |
| 5 | Show Exchange rate from Internet | show\_exchange\_rate |
| 6 | Covert Currency In Wallet | convert\_currency\_in\_wallet |
| exit | Exit program | exit |

1. Class: Room (room\_id ,name, building, Floor, capacity, from\_time,to\_time)
   1. Class Room (room\_id,name, building, floor, capacity, from\_time,to\_time,with\_ visualizer)
   2. Meeting Room (room\_id,name, building, floor, capacity, from\_time,to\_time, type)
   3. Computer Laboratory Room (room\_id,name, building, floor, capacity from\_time,to\_time, computer\_type)
2. Class Room\_list: (List of Room)
   1. Method
      1. add\_room
      2. load\_room\_from\_db
3. Class Reservation (reservation\_id,user\_name,room\_id,date,from\_time,to\_time,detail,status)
   1. Status (waiting, Confirm, cancel)
4. Class Reservation\_list (List of Reservation)

