SAHAR SHOPPING MALL
Shopping Mall Management System

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CLASSES:

1) Admin
2) User
3) Shop
4) Item
5) Cart
6) Bill

Admin

Admin
- nShop: int
+ Admin ( )   + write_shops ( ): void   + check_user (string, string, User&): bool   + create_user ( ): User   + dlt_user ( ): void   + check_shop (string, int, Shop&): bool   + add_shop ( ): Shop   + dlt_shop ( ): void

User
- userName: string   - userPwd: string   - userPhNum: string
+ User ( )   + place_order ( ): void   + modify_account ( ): void   + <<friend>> Admin

Shop
- shopPin: int   - shopName: string   - shopId: string   - shopNumb: string   - shopItems [5]: string
+ Shop ( )   + Shop (string, string, int, string, Item [ ])   + write_shopTxt ( ): void   + update_item ( ): void   + disp_listOfItems ( ): void   + modify_details ( ): void   + <<friend>> User   + <<friend>> Admin

Item
- itemName: string - itemRate: float
+ Item ( ) + Item (const Item [ ]) + operator = (const Item&): Item& + read_values(string, float): void + <<friend>> Admin + <<friend>> Shop + <<friend>> User

Cart
- subtotal: float - total: float - *cart_items*: struct
+ Cart ( ) + disp_items ( ): void + add_item (string, string, float, int): void + dlt_item (string): void + confirm_order ( ): void + <<friend>> Bill

Bill
+ Bill ( ) + gen_Bill (Cart *): void