

Design

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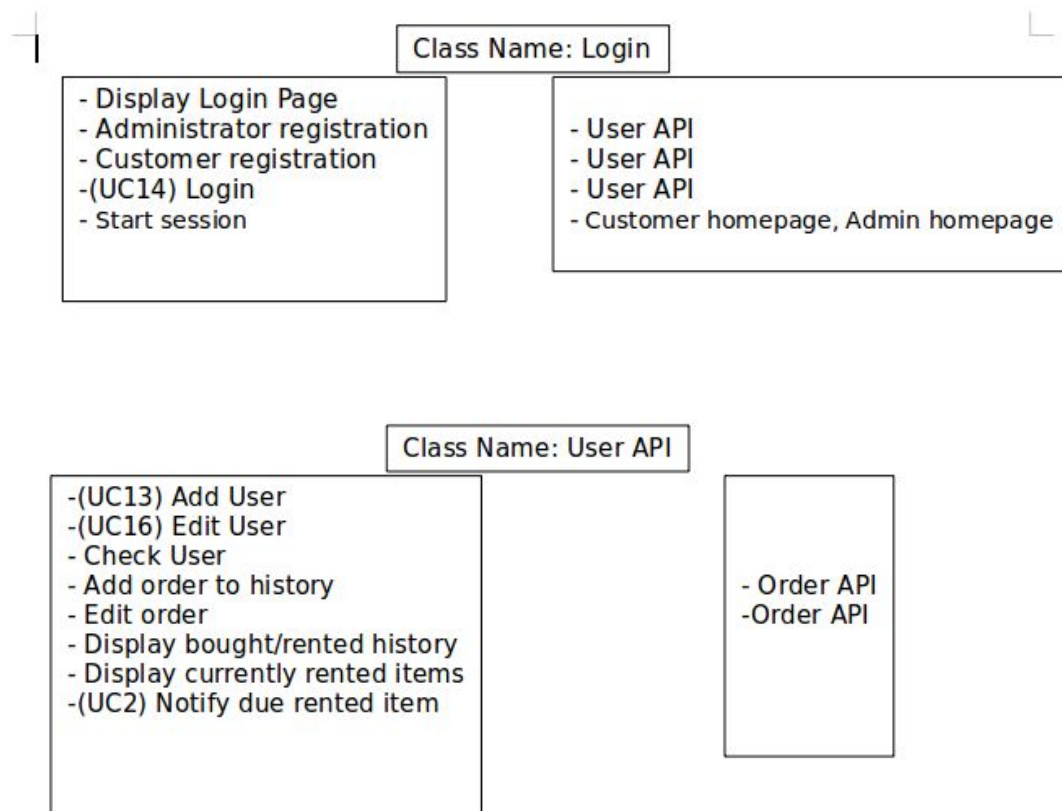
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- 1.CRC Cards
2. Sequence Diagrams (screenshots)

Timeline:

- 1.The team Risky Python made in 4th of december the CRC Cards
- 2.We made the Sequence Diagrams from scratch

CRC CARDS: (Previously made)



Class Name: Stock API

- Show stock
- Check stock
- Add stock
- Edit stock



Class Name: Customer Homepage

- Display Customer Homepage
- Access Profile
- (UC18) Access bought/rented history
- Access currently rented items list
- (UC10) Search Catalog
- (UC11) Browse Catalog
- Log out

- Profile
- User API
- Currently Rented Items
- Stock API, Cart
- Stock API, Cart

Class Name: Profile

- Display Profile
- Edit Profile
- Exit

- User API
- User API

Class Name: Currently Rented Items (Customer)

- | | |
|-----------------------|-------------|
| -(UC19) Display List | - User API |
| -(UC21) Add to cart | - Cart |
| -(UC26) Renew Rental | - Cart |
| -(UC9) Review Product | - Stock API |
| -Exit | |

Class Name: Bought/Rented Items

- | | |
|-----------------------|-------------|
| - Display List | - User API |
| -(UC9) Review Product | - Stock API |
| -Exit | |

Class Name: Download Reports

- | | |
|---|---------------|
| - Display Download Reports | |
| -(UC3) Download default sales reports | - Reports API |
| -(UC20) Download stock report | - Reports API |
| -(UC25) Download customized sales/rent report | - Reports API |
| -Exit | |

Class Name: Reports API

- | | |
|-----------------|-------------------------|
| - Add report | - Orders API, Stock API |
| - Create report | |

Class Name: Cart

- | | |
|---------------------|--------------|
| - (UC7) Add to cart | - Stock API |
| - (UC15) Check out | - Orders API |

Class Name: Orders API

- | | |
|---------------|-----------------------|
| - Add order | - User API, Stock API |
| - Show orders | |
| - Edit order | - Stock API, User API |

Class Name: Admin Homepage

- | | |
|---------------------------------|--------------------------|
| - Display Admin Homepage | |
| - Access Profile | - Profile |
| - Access stock management | - Stock Management |
| - Access download reports | - Download Reports |
| - Access customer orders | - Orders |
| - Access currently rented items | - Currently Rented Items |
| - Log out | |

Class Name: Currently Rented Items (Admin)

- | | |
|----------------------------------|--------------|
| - Display currently rented items | - Orders API |
| - Search rental | - Orders API |
| - (UC5) Process return | - Orders API |
| - Exit | |

Class Name: Orders

- | | |
|-----------------------|--------------|
| -(UC4) Display orders | - Orders API |
| -(UC4) Display orders | - Orders API |
| -(UC24) Cancel order | - Orders API |
| -Exit | |

Class Name: Stock Management

- | | |
|----------------------------|-------------|
| - Display Stock Management | |
| -(UC1) Add new stock | - Stock API |
| -(UC7, UC22) Edit Stock | - Stock API |
| -Exit | |

They are posted in strict order (from 1 to 26)

