ASSIGNMENT #4

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Class Diagrams

Media DataBase

- + Event Preview
- + Venue Preview
- + Performer Preview
- + preview event(event)
- + preview venue(venue)
- + perview_performer(performer)
- + update_event_preview(event)
- + update_venue_preview(venue)
- update performer preview(performer)

Event DataBase

- + Event List / Info
- + Event Availability / Seating
- + Performers List / Info
- + Venue List / Info
- + show_events(timeframe)
- + show_details(event)
- + show seating(event)
- + get_ticket(event)
- + update seating(event, seat)
- update_events(timeframe)

Credit Card DataBase

- + Credit Card Providers
- + Vaild Credit Cards #s
- + validate_card(card)
- + process payment(amount)
- + update_valid_provider(provider)
- + update_vaild_cards(provider)

User (Purchaser)

- + Cash Balance
- + Credit Balance
- + Bluetooth Capability
- + browse_events(timeframe)
- + select event(event)
- + preview event(event)
- + view event seating(event)
- + select event seating(event, seat)
- + purchase_cash(event, seat)
- + purchase_credit(event, seat)
- + select_digital_ticket(event, seat)
- + select_paper_ticket(event, seat)

System Admin

- + Login Credentials
- + System Specifications
- + System Queries / Tests
- + update_credentials(username,

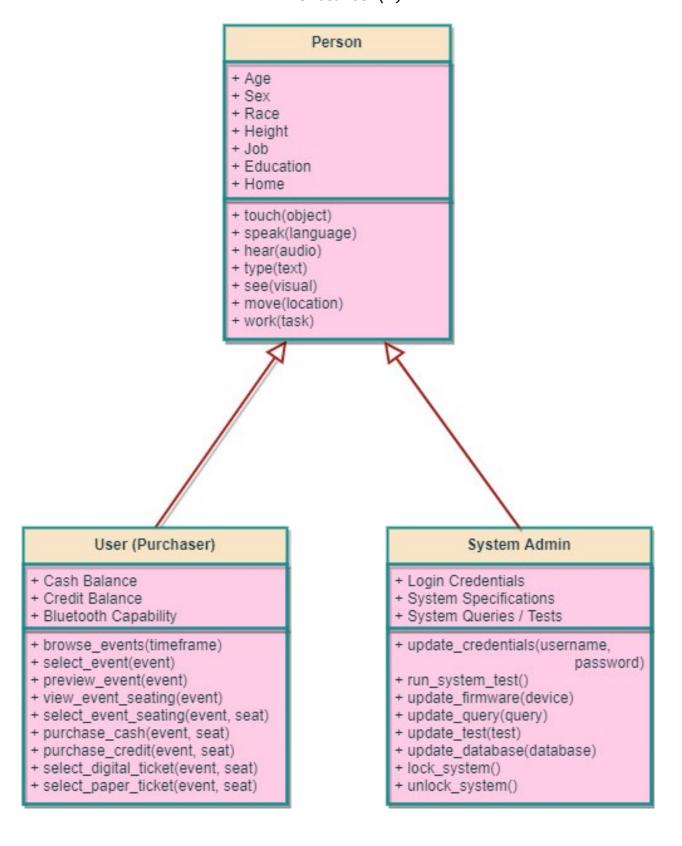
password)

- + run_system_test()
- + update_firmware(device)
- + update query(query)
- + update_test(test)
- + update_database(database)
- + lock system()
- + unlock_system()

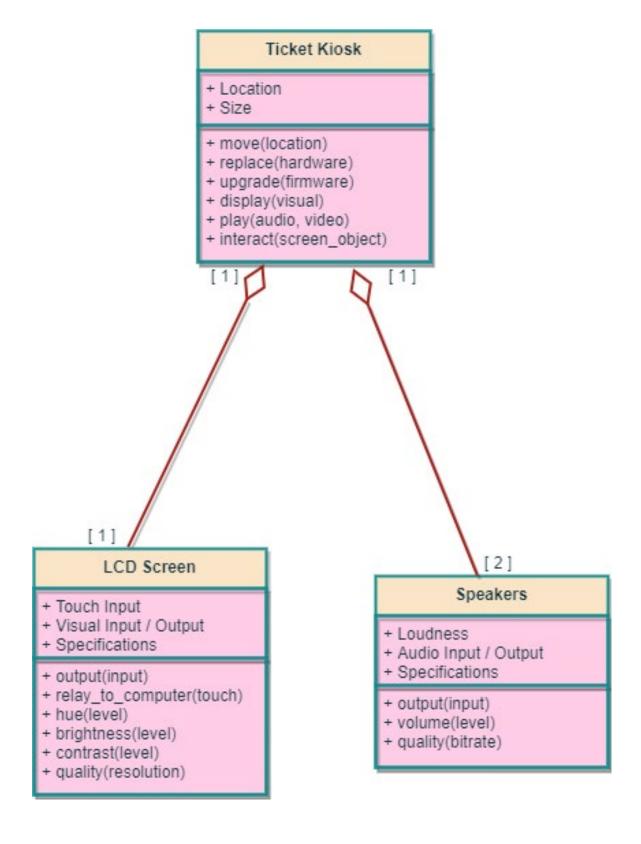
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Develop 2 of Each Diagram

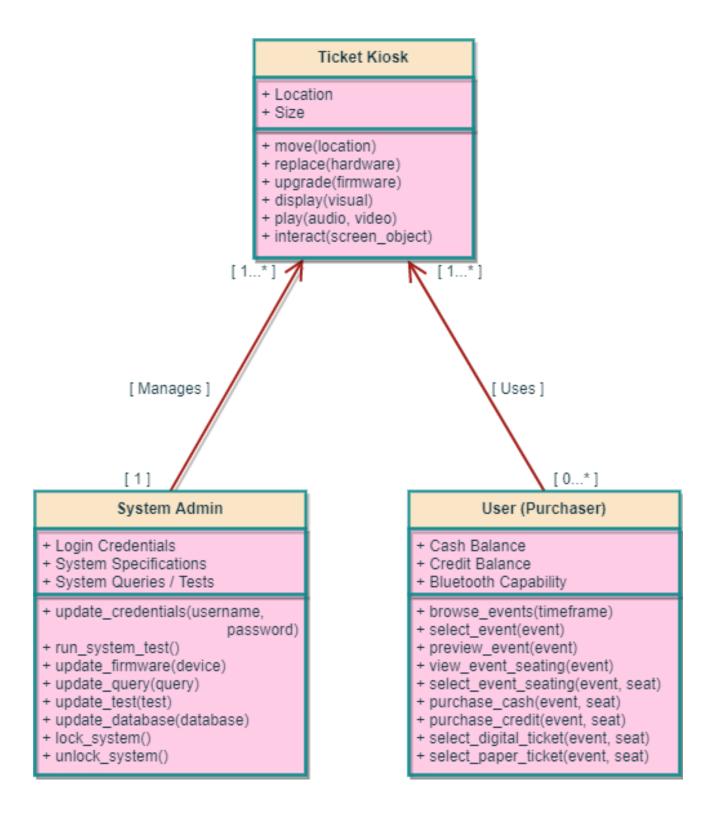
Inheritance (2)



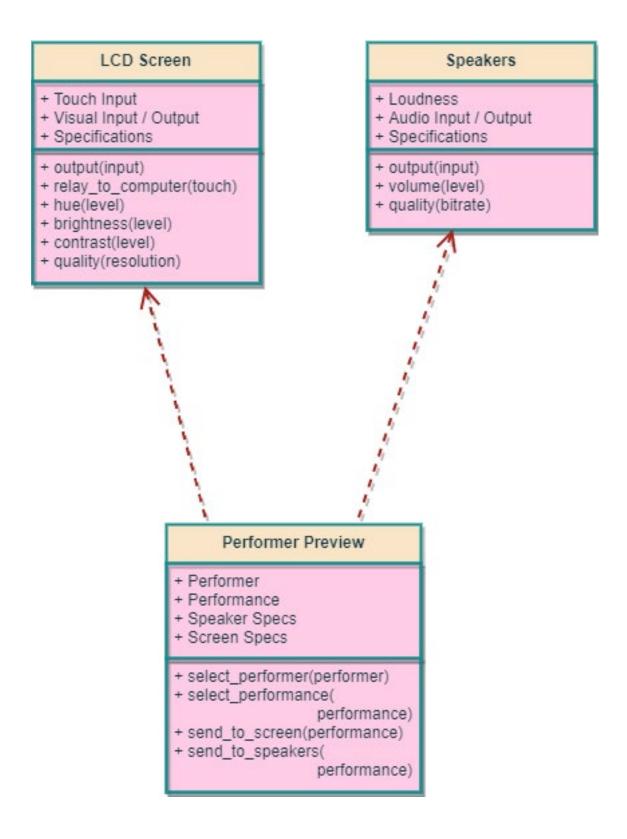
Aggregation (2)



Association (2)



Dependency (2)



Works Cited

Pressman, R., and B. Maxim, Software Engineering: A Practitioner's Approach, Eighth Edition, McGraw-Hill, 2015.