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1 Task 3

1.1 UWC 2.0 system layered architecture

1.1.1 Demonstration by layered architecture design

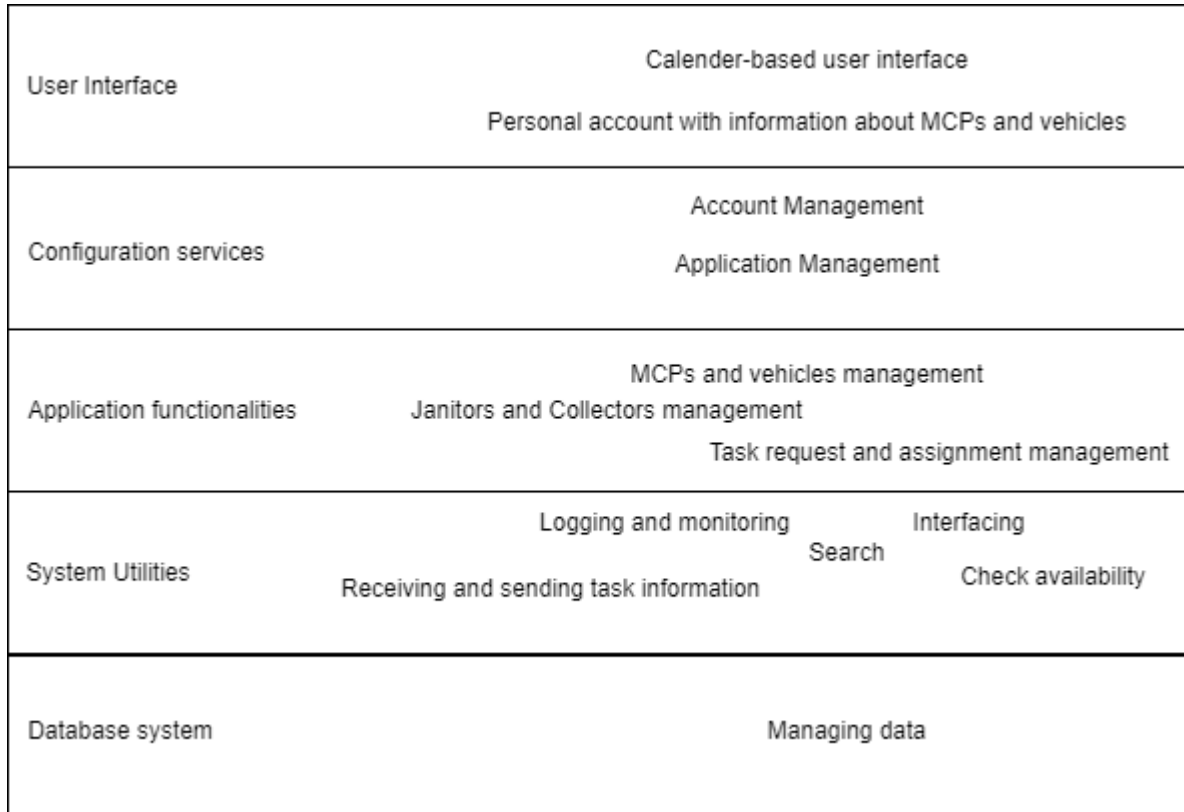


Figure 1. Layered Architecture Diagram

1.1.2 User Interface description:

User interface will comprises of:

- Account/Login on the top left
- Language choice on the top right
- Five buttons for five choices in the middle of the screen including:
 - + A homepage button
 - + A button to show calendar
 - + A button to show assignment
 - + A button to show track
 - + A button to show messages
- Underneath the buttons will be information about the group, information about the system and contact information.
- The main information for viewing will be the calendar which would highlight the date of transportation and assignment.

1.1.3 Data storage description

1.2 Task assignment module - Component Diagram

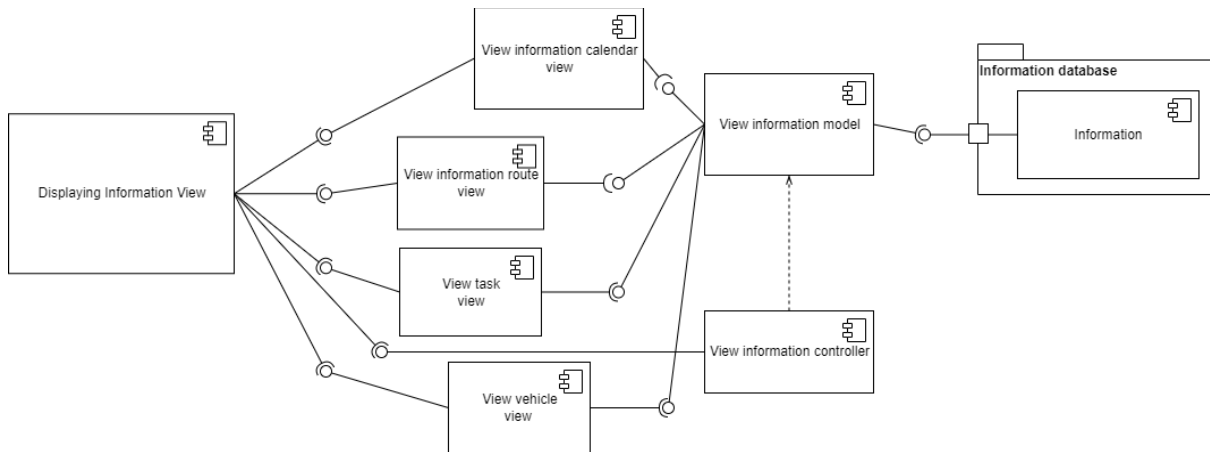


Figure 2. Displaying Information Component Diagram

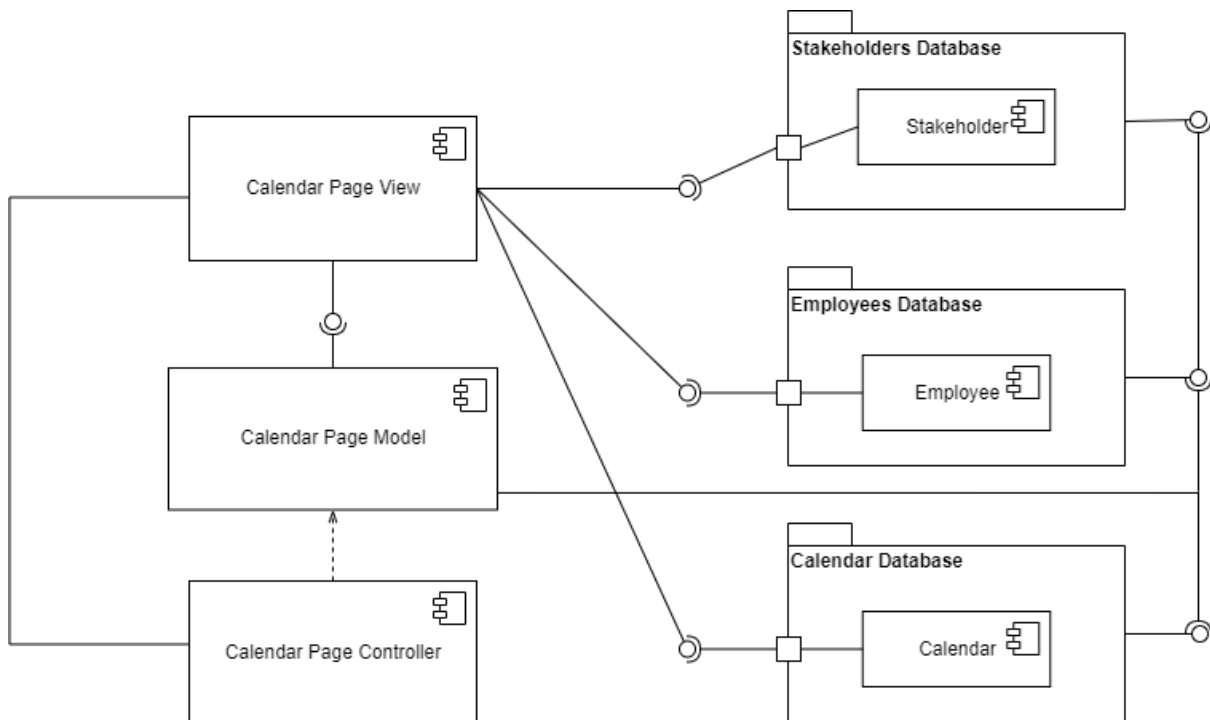


Figure 3. Changing Calendar Component Diagram

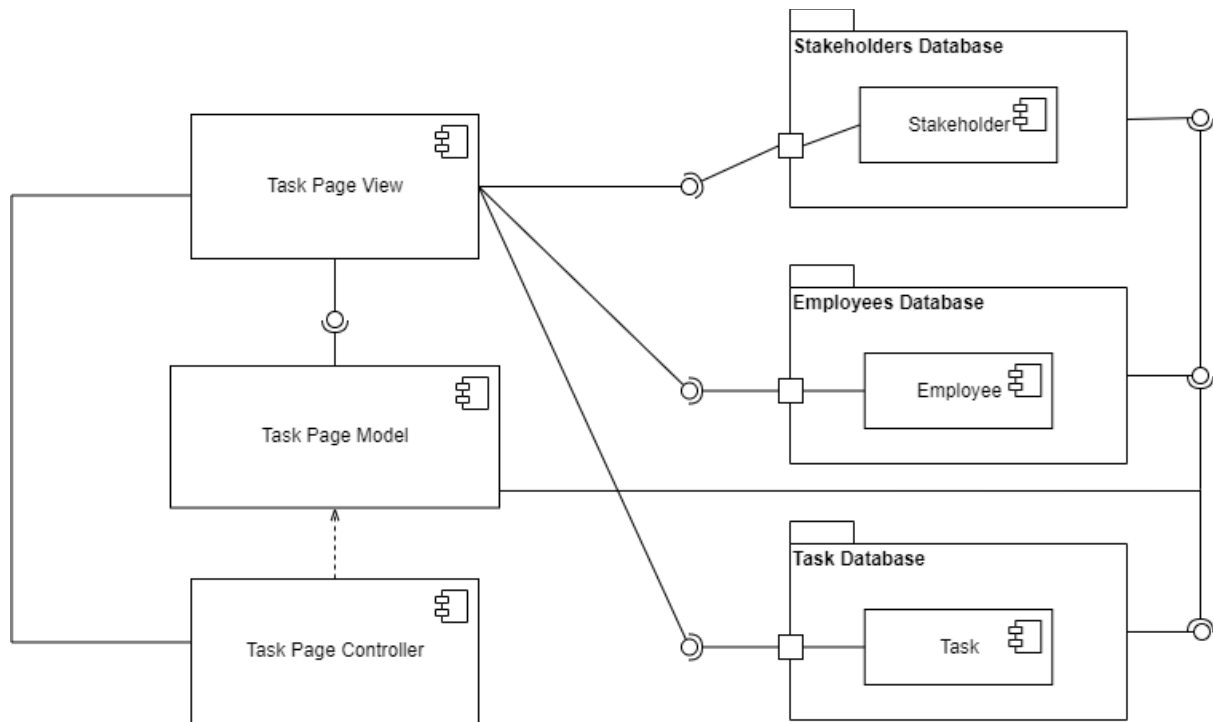


Figure 4. Assigning Task Component Diagram

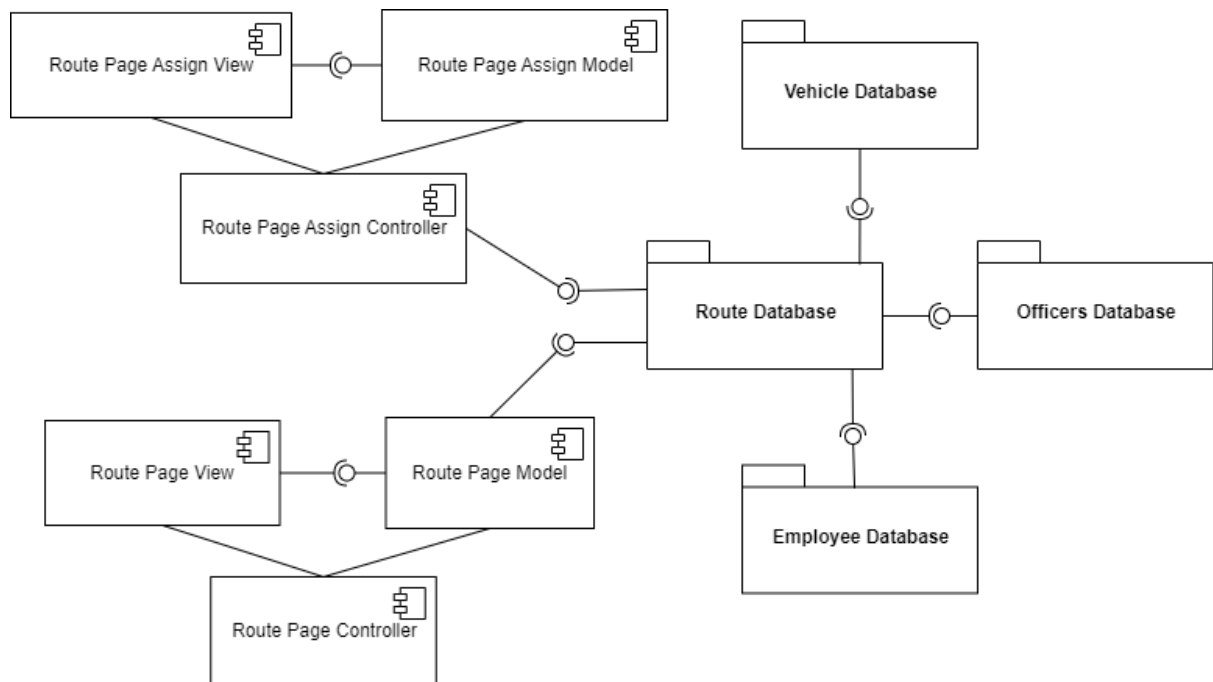


Figure 5. Editing Route and Allocating Vehicles Component Diagram

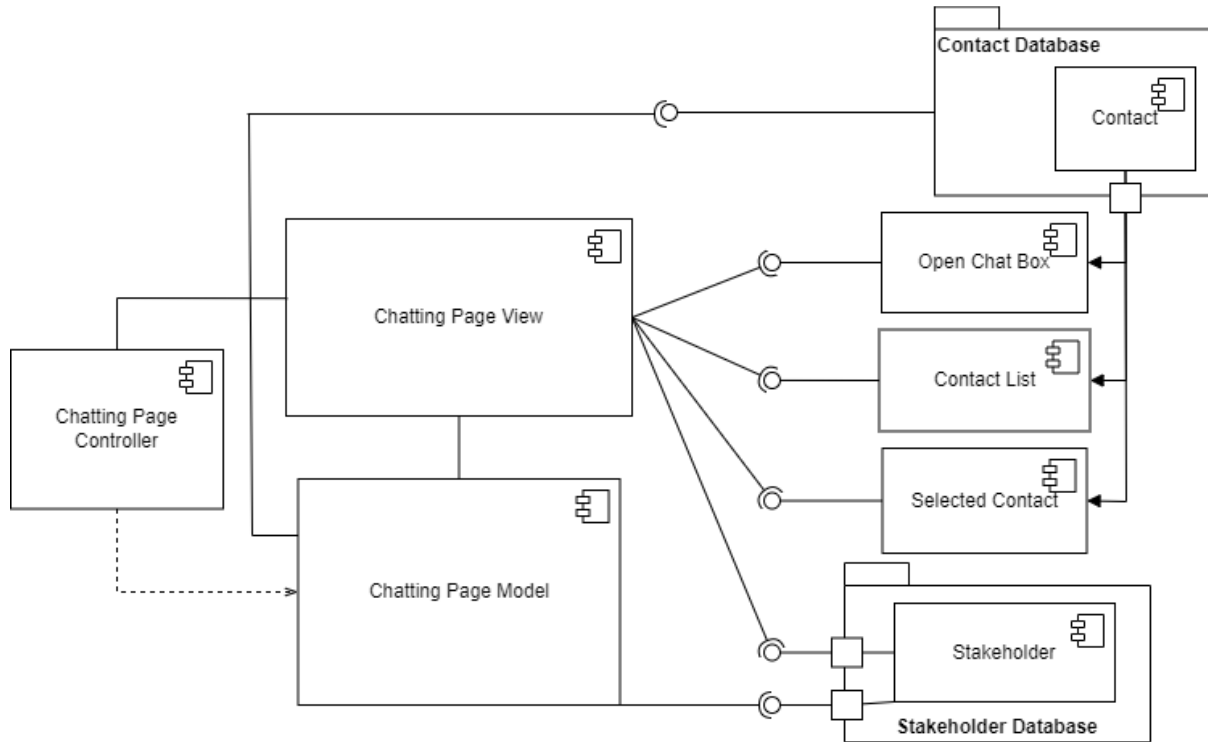


Figure 6. Real-time Chatting Functionality Component Diagram

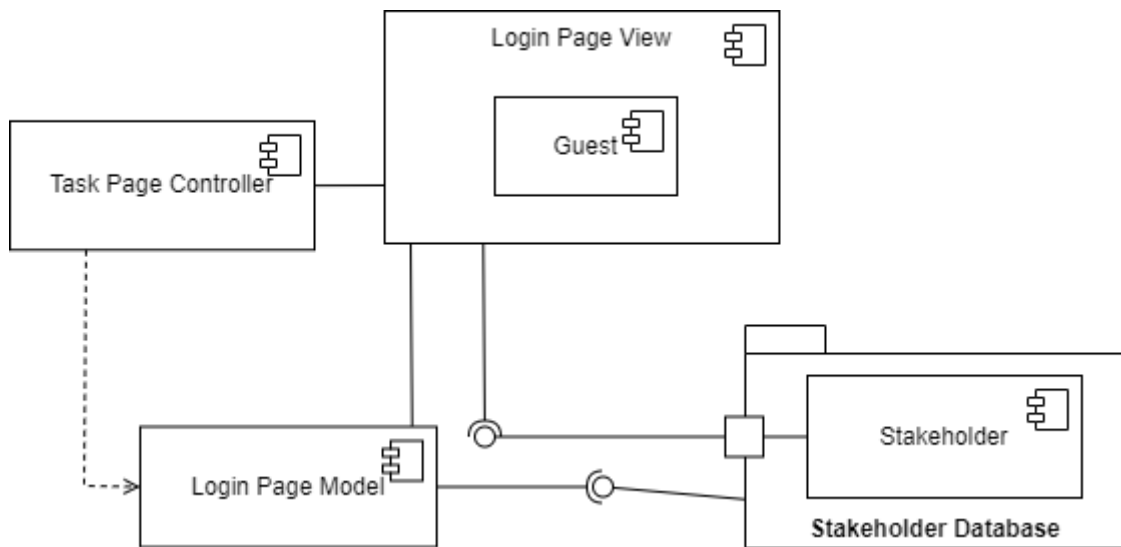


Figure 7. Login for Back Officers Component Diagram

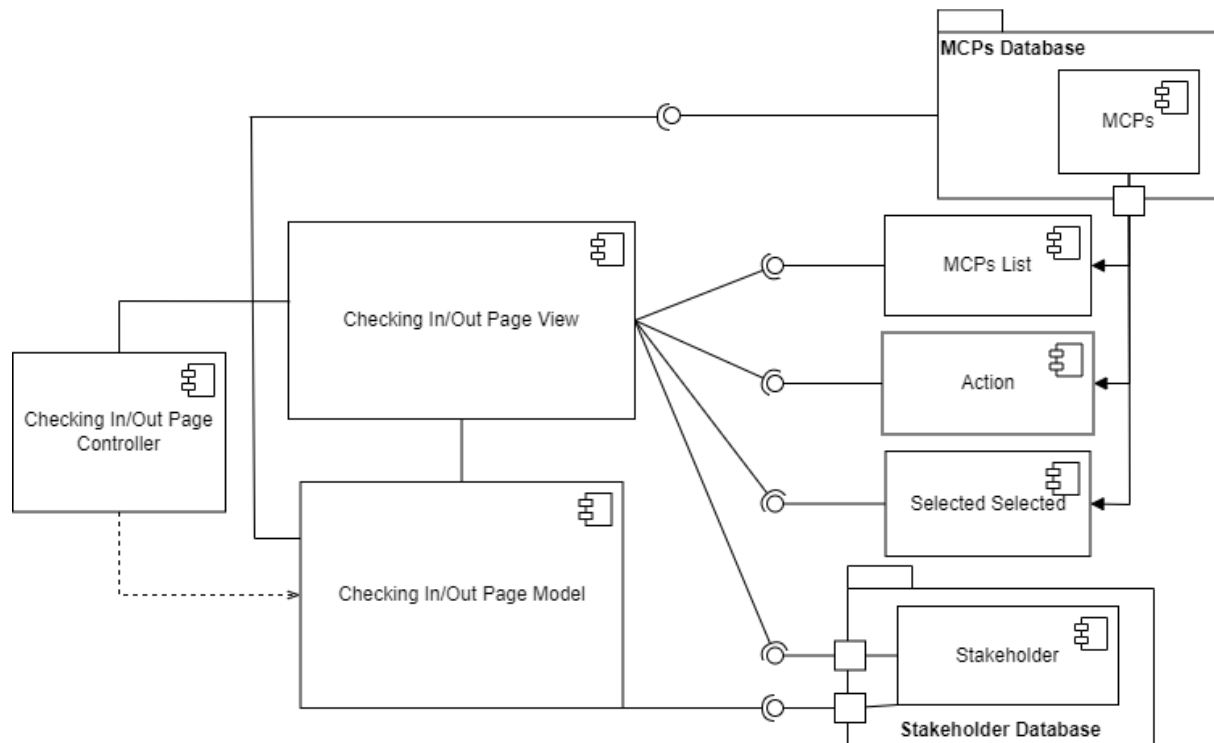


Figure 8. Check-in and Check-out for Collectors and Janitors Component Diagram