Problem Analysis

Feature Analysis

Impact

Limitations

Database Design

Class Diagram

Prototype (Figma)

**MuMerch – Merchandise Management System for MuSophia**

User Group:

1. Admin
2. MuSophia Employee
3. Band Manager

Admin Features:

1. Log in
2. Create, update, view admin profile
3. Change password
4. Add, view, update, delete product
5. Add, view, update, delete color
6. Add, view, update, delete size
7. Add, view, update, delete unit
8. Add, view, update, delete category
9. Add, view, update, delete bands
10. Create, update, view band managers
11. Create profile for MuSophia employees
12. Reset password for MuSophia employees and band managers
13. Enable/disable MuSophia employees & band managers
14. Add, view, update Customer
15. Add, view, update purchase order
16. Sales Report with date range, band & category wise filter – SAP Crystal Reports
17. Monthly Revenue Report (band wise)– SAP Crystal Reports
18. Bar Chart based on monthly product sale for each product
19. Issue tracker with messaging
20. Sale and print invoice – SAP Crystal Reports
21. Add, view, update concert event
22. Log out

MuSophia Employee Features:

1. Log in
2. View, update profile
3. Change password
4. Add, view, update, delete product
5. Add, view, update, delete color
6. Add, view, update, delete size
7. Add, view, update, delete color
8. Add, view, update, delete unit
9. Add, view, update, delete category
10. Add, view, update bands
11. Create, update, view band managers
12. Enable/disable MuSophia employees & band managers
13. Add, view, update Customer
14. Add, view, update purchase order
15. Sales Report with date range, band & category wise filter – SAP Crystal Reports
16. Issue tracker with messaging
17. Sale and print invoice – SAP Crystal Reports
18. View concert event
19. Log out

Band Manager Features:

1. Log in
2. View, update profile
3. Change password
4. Sales Report with date range & category wise filter – SAP Crystal Reports
5. Bar Chart based on monthly product sale for each product
6. Monthly Revenue Report – SAP Crystal Reports
7. Add, view, update concert event
8. Issue tracker with messaging
9. Log out