X-Force Alarm Web Application

- **1. System Configuration**
  - Server Configuration
    - Server IP
    - Server Name
    - Company Name
    - Plant Name
    - No of Channels
    - Database File Path
    - Database Frequency
- **2. Congratulation**
  - Channel Configuration
    - Channel Name : Serial/Network Communication
      - Remove Text
      - Replace Text
      - Ignore Message
  - Notification Configuration
    - Voice Call(ADAM)
    - SMS(GSM)
    - Critical Alarm
    - Mail Group
- **3. Schedule**
  - Task Schedule (We can create a master schedule called task scheduler which includes bunch of report schedules)
    - 1. Report Group Name : Alarm System Settings
      - Alarm set by priority
      - Alarm set by type
      - Tags by type Report
      - Tags with alarm report
    - 2. Report Group Name : Archive Database
      - Archive Database
    - 3. Report Group Name : Database Backup
      - Database backup
    - 4. Report Group Name : Delete Files
      - Delete Files
    - 6. Report Group Name : Shrink DataBase
      - Shrink Database
    - 7. Report Group Name : T-SQL
      - T-Query
      - 5. Report Group Name : Disk Space Check
        - Disk space check
    - 8. Report Group Name : Alarm System Performance
      - Age of oldest alarm report
      - Alarm by type report
      - Alarm by unit report
      - Alarm flood report
      - Alarm frequency report
      - Alarm per time period
      - Alarm standing Report
      - Alarm summary report
      - Chattering alarm report
      - Consequential alarm report
      - Duplicate alarm report
      - Priority Distribution Report
      - Stale alarm Report
      - Time in alarm report
      - Time to acknowledge report
    - 9. Report Group Name : File Transfer
      - File Transfer
    - 10. Report Group Name : General Reports
      - Alarm History Report
      - Alarm KPI Report
      - Alarm system Report
      - Operator Action Report
    - 11. Report Group Name : Process Change
      - Alarm Enable state
      - Alarm Priority Change
      - Alarm Trip Point
      - Change per time period
      - Controller Mode Change
      - Controller set point
      - Frequency change
      - Other
      - Output Analog
      - Output Digital
      - Range
      - Tuning Constant
- **4. XAdmin**
  - Admin Module
    - Users
    - Role static
    - Tree
    - Tree Delete Child Static
    - Dashboard
    - Menu
    - Manage Table
    - Modules Static
    - System Information
    - Copy Data
- **5. Reports**
  - General Reports
  - Alarm System Performance
  - Alarm Viewer (We can check the live alarms and generate reports and send mail of analysis.)