Mobile Tower Maintenance System

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Below module would be designed as high level system design.

1. Authenticate
2. Request
3. Notification
4. Logging
5. Reporting

Let me make some detailing about that module.

1. Authentication: Role based authentication will be implemented. That can be achieved by window/AD/DB

Following would be the table design,

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Registration** |  |  |  |  |  |  |  |
| Id | Name | UserId | Email | Address |  |  |  |
| **Login** |  |  |  |  |  |  |  |
| Id | UserId | Password | RoleId |  |  |  |  |
| **Request** |  |  |  |  |  |  |  |
| Id | RequestNumber | RaisedBy | AssignedTo | CreatedDate | ClosedDate | Status | ClosedBy |
| **Log** |  |  |  |  |  |  |  |
| Id | RequestNumber | Action | ActionType | ActionDate | ActionBy |  |  |

Deployment Process:

1. Local System->Repository like git/svn
2. Compiling Tool like Teamcity/AWS/AZURE
3. Deploy from Deployment tool like Octopus/AWS/AZURE