Increment 1

# CS5551_Team_4_Project

## Project Name: Factory Maintenance System (FMS).

## Team Number: 4

## Members :

**Name & Class ID :** MURALI KRISHNA SAI CHUKKA & 09

**Name & Class ID :** RUPESH SAI RAM DODDALA & 10

**Name & Class ID :** KAVIN KUMAR ARUMUGAM & 63

**Name & Class ID :** RAHUL REDDY YERVA & 59

**Name & Class ID :** TEJASWI AYYADAPU & 03

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## Domain: MES (Manufacturing Execution System).

## Technologies used:

1. MEAN Stack.
2. Ionic.

## Source code:

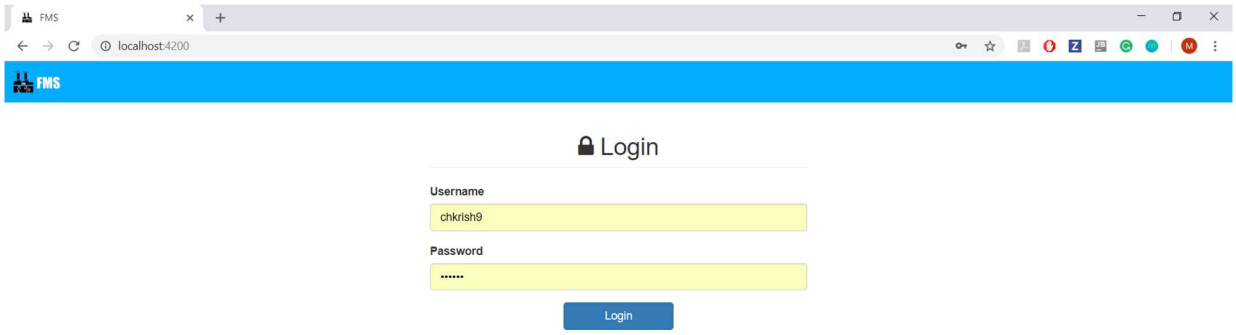
https://github.com/chkrish9/CS5551_Team_4_Project/tree/master/Code

# Modules Delivered:

1. Login.
2. User.
3. User Group.
4. Reasons.
5. Area.
6. Line.
7. Machine.
8. Machine Group.

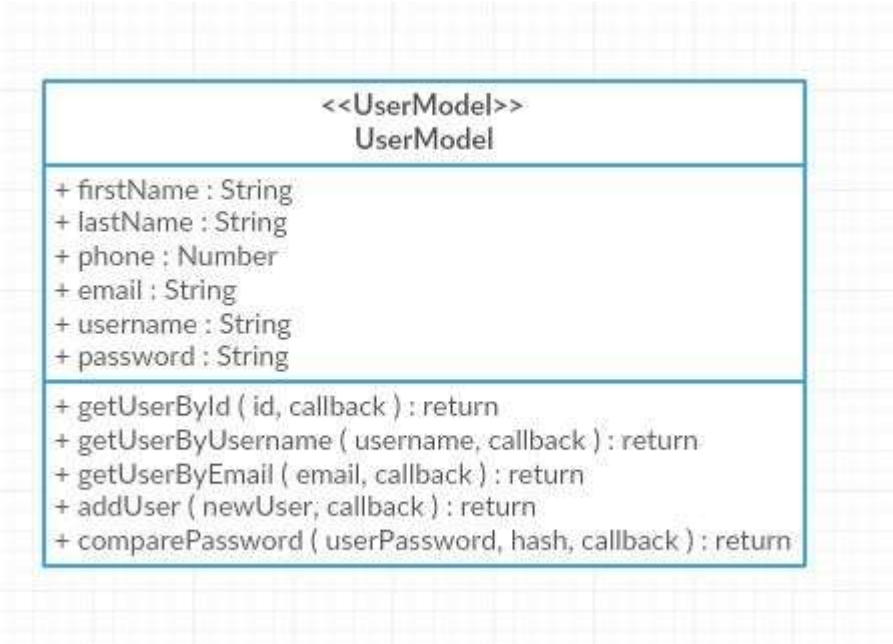
# Screenshots :

### 1. Login Module:

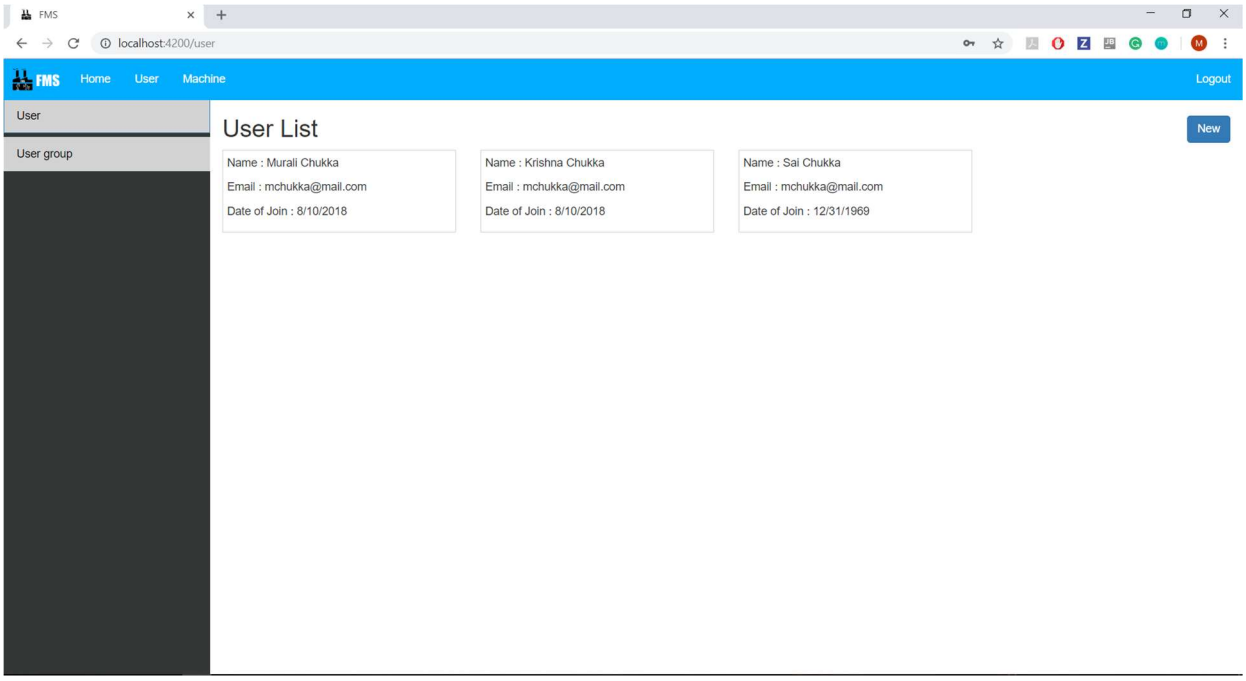


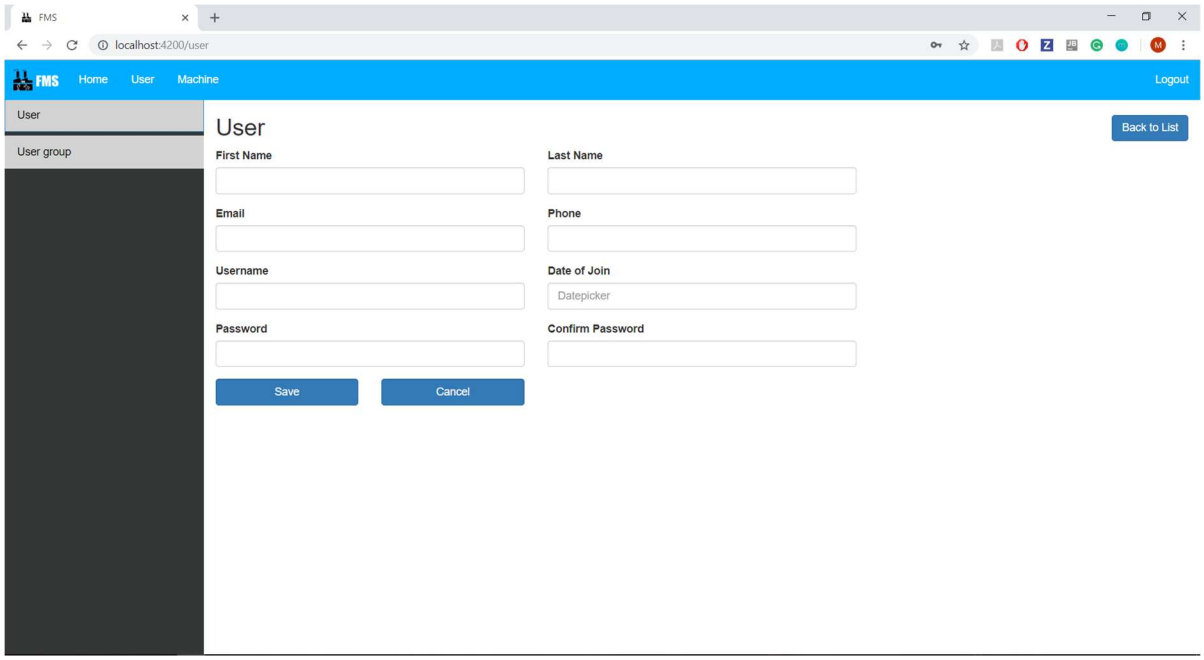
## 2. User Module:

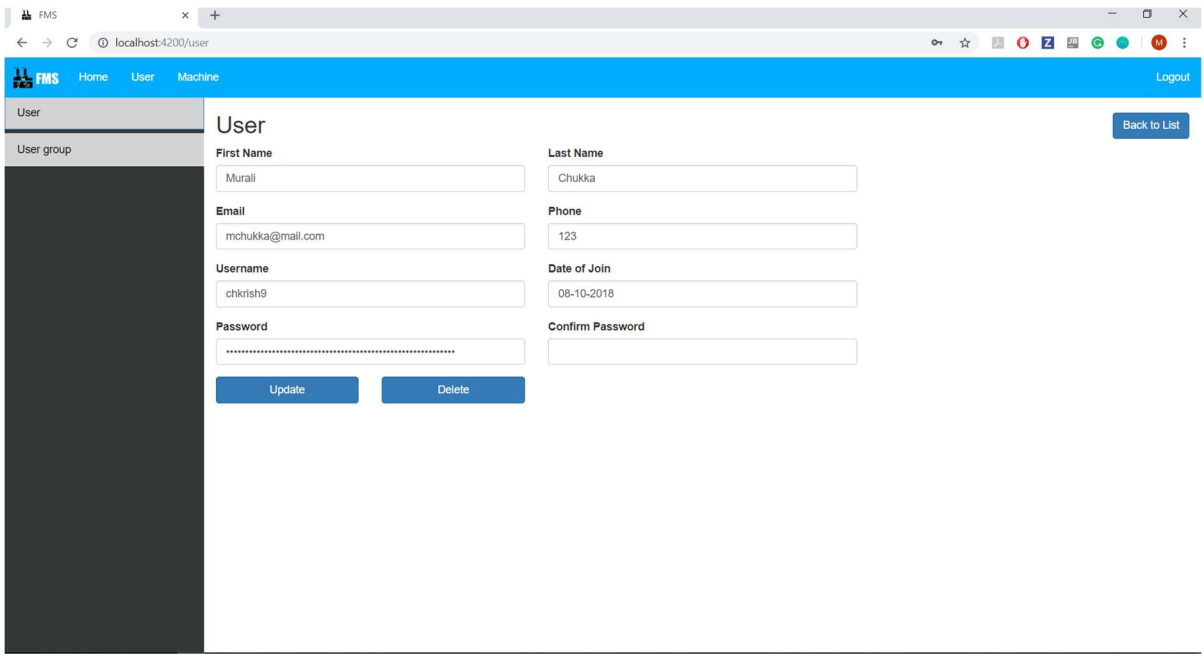
## Class diagram:




## Screenshots:

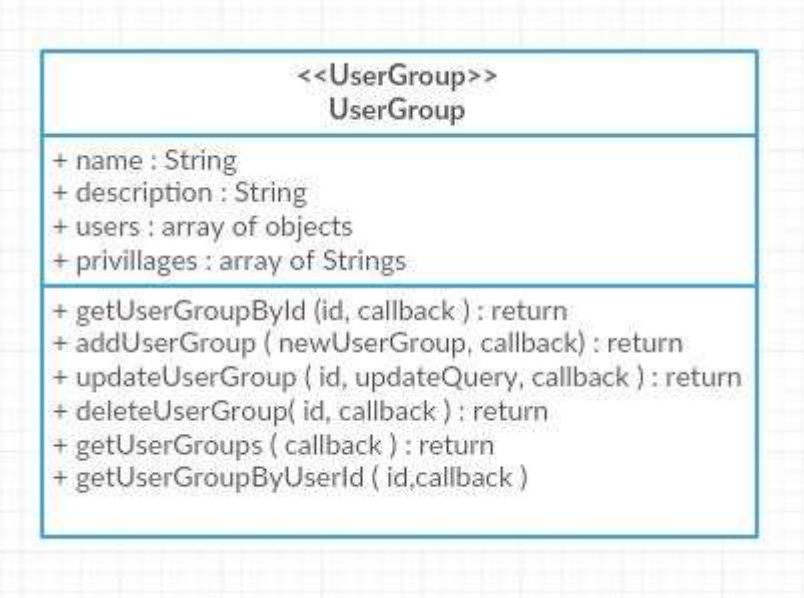



FMS
localhost:4200/user
FMS
Home
User
Machine
Logout
User
User group
User
Back to List
First Name
Last Name
Email
Phone
Username
Date of Join
Datepicker
Password
Confirm Password
Save
Cancel

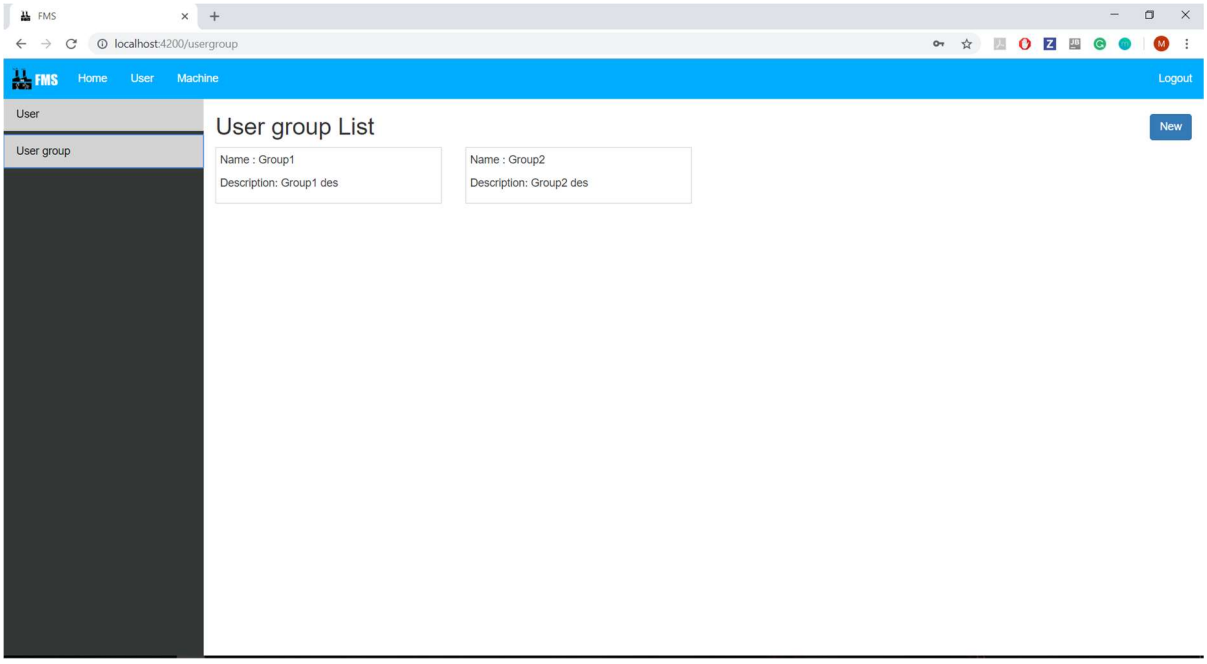

FMS
localhost:4200/user
FMS
Home
User
Machine
Logout
User
User group
User
Back to List
First Name
Murali
Last Name
Chukka
Email
mchukka@mail.com
Phone
123
Username
chkrish9
Date of Join
08-10-2018
Password
Confirm Password
Update
Delete

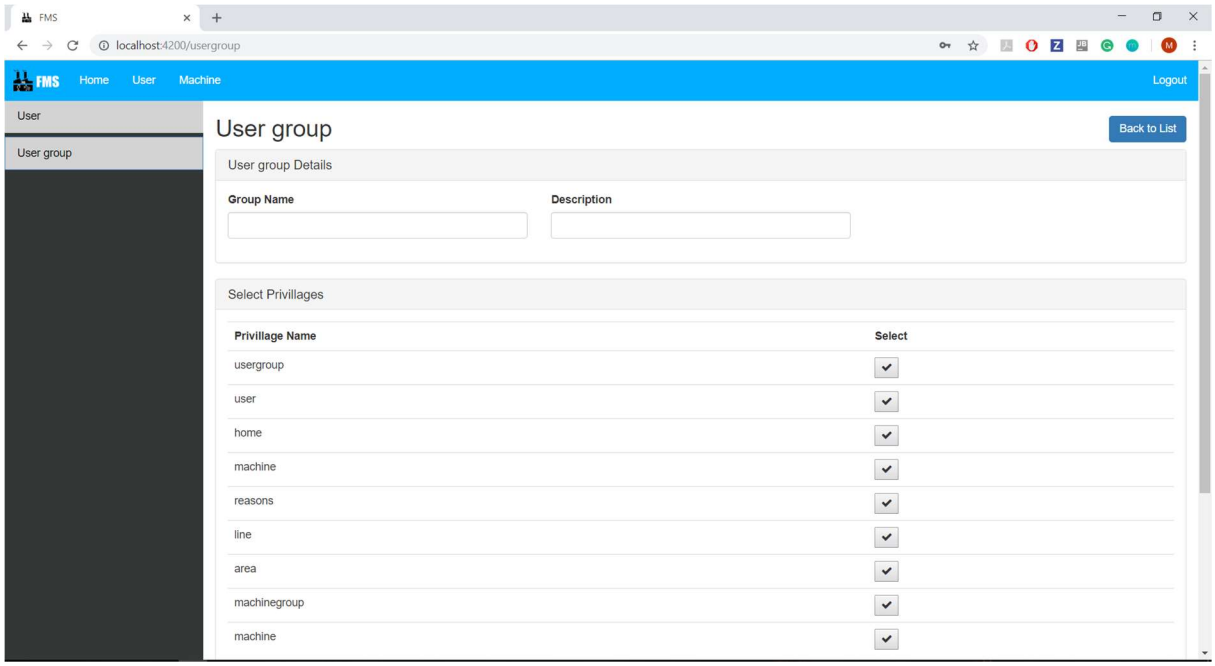
## 3. User Group Module:

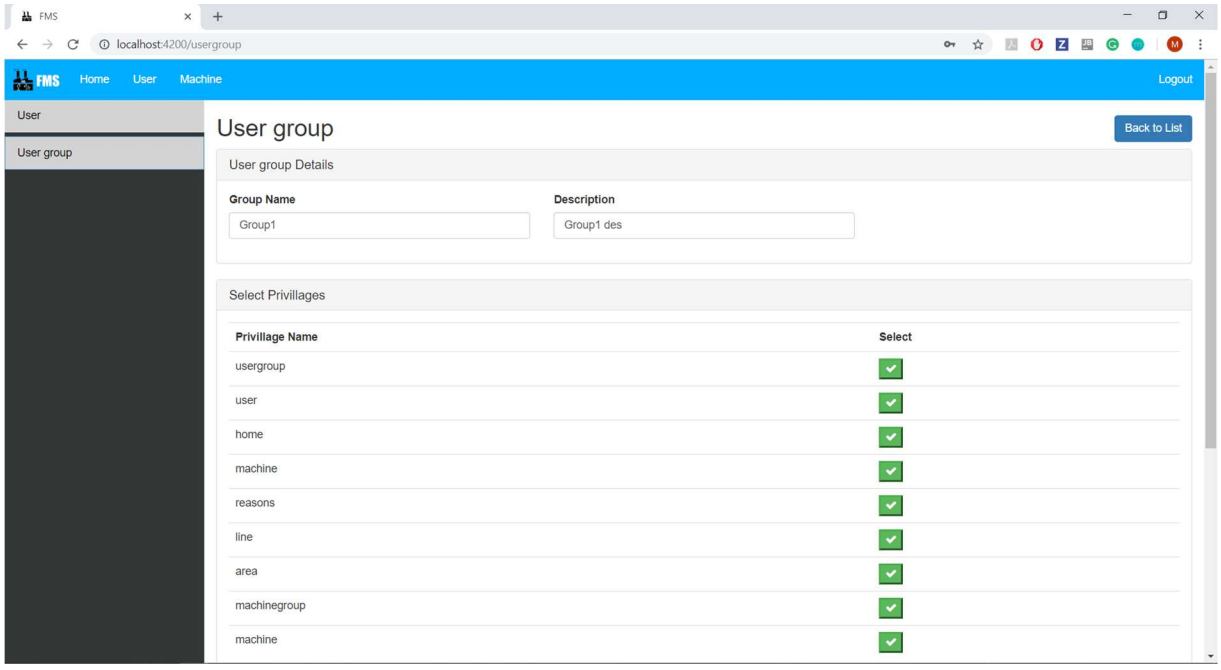
## Class diagram:




## Screenshots:

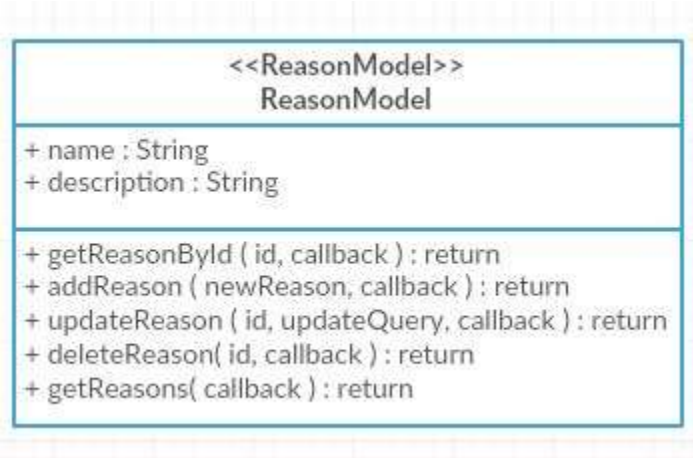



FMS
localhost:4200/usergroup
FMS
Home
User
Machine
Logout
User
User group
User group
Back to List
User group Details
Group Name
Description
Select Privillages
Privillage Name
Select
usergroup
user
home
machine
reasons
line
area
machinegroup
machine

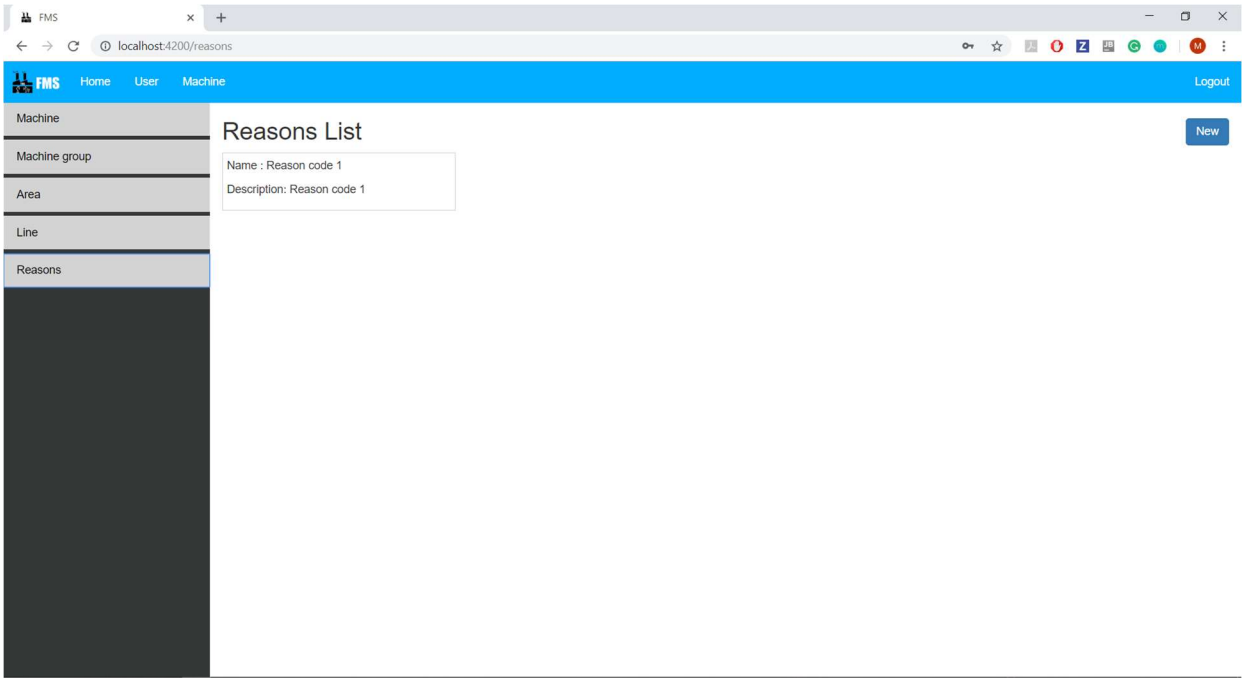

FMS
localhost:4200/usergroup
FMS
Home
User
Machine
Logout
User
User group
User group
Back to List
User group Details
Group Name
Group1
Description
Group1 des
Select Privillages
Privillage Name
Select
usergroup
user
home
machine
reasons
line
area
machinegroup
machine

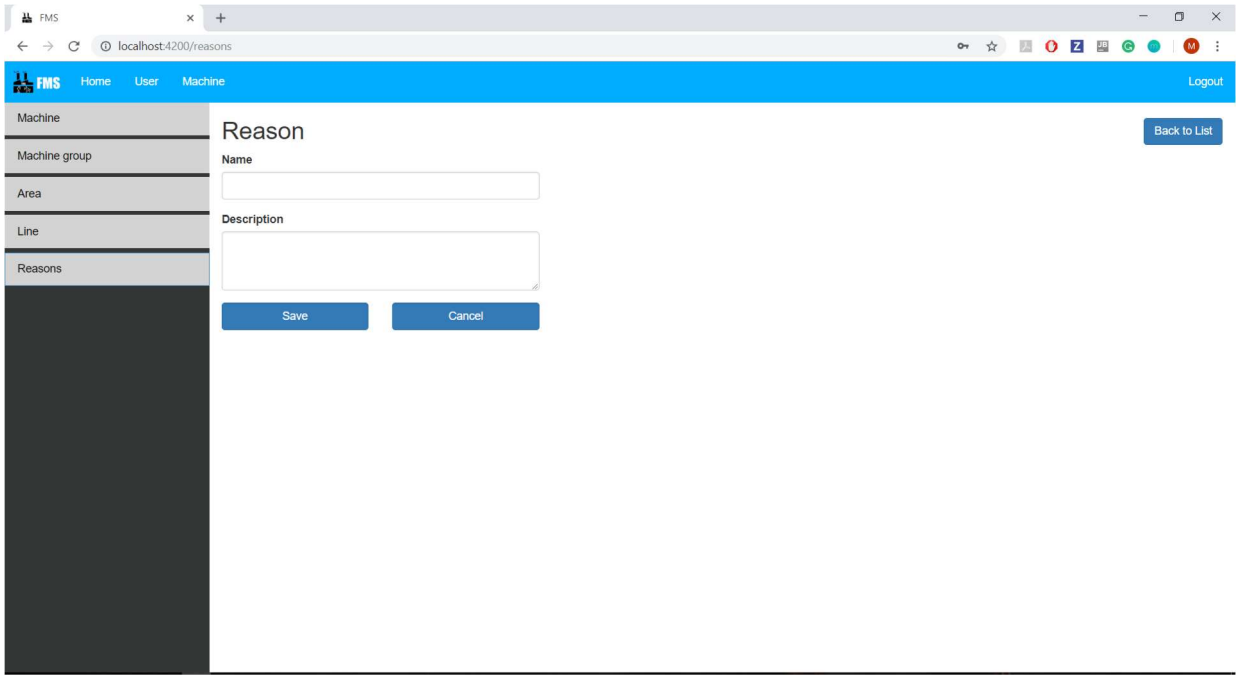
## 4. Reasons Module:

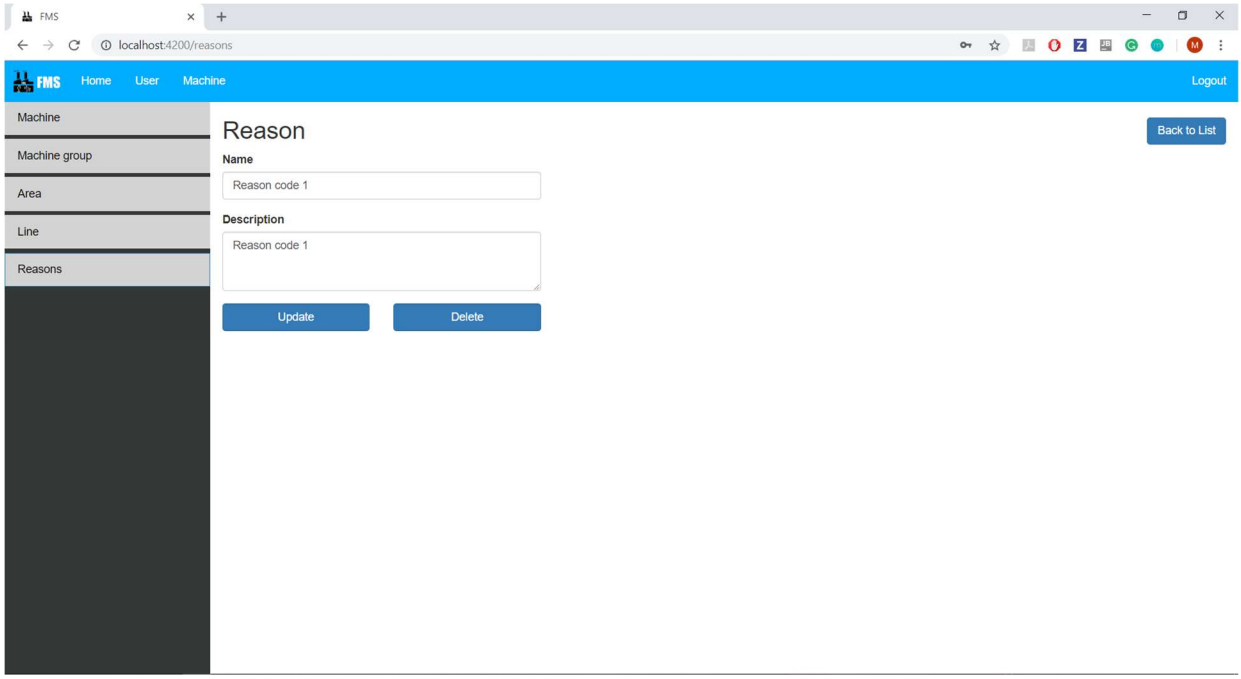
## Class diagram:




## Screenshots:

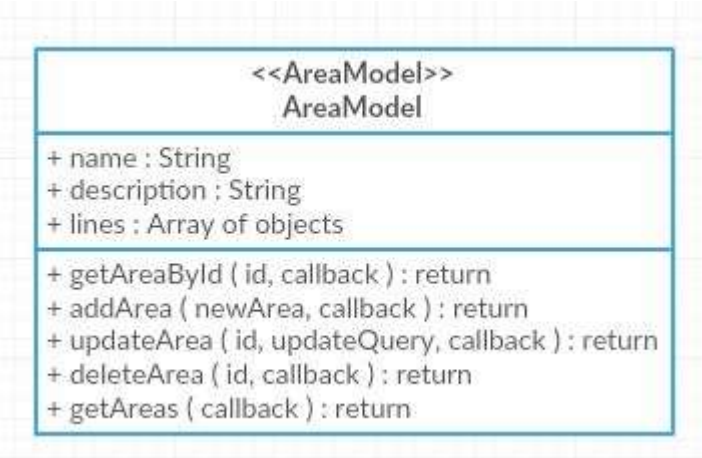



FMS
localhost:4200/reasons
FMS
Home
User
Machine
Logout
Machine
Machine group
Area
Line
Reasons
Reason
Back to List
Name
Description
Save
Cancel

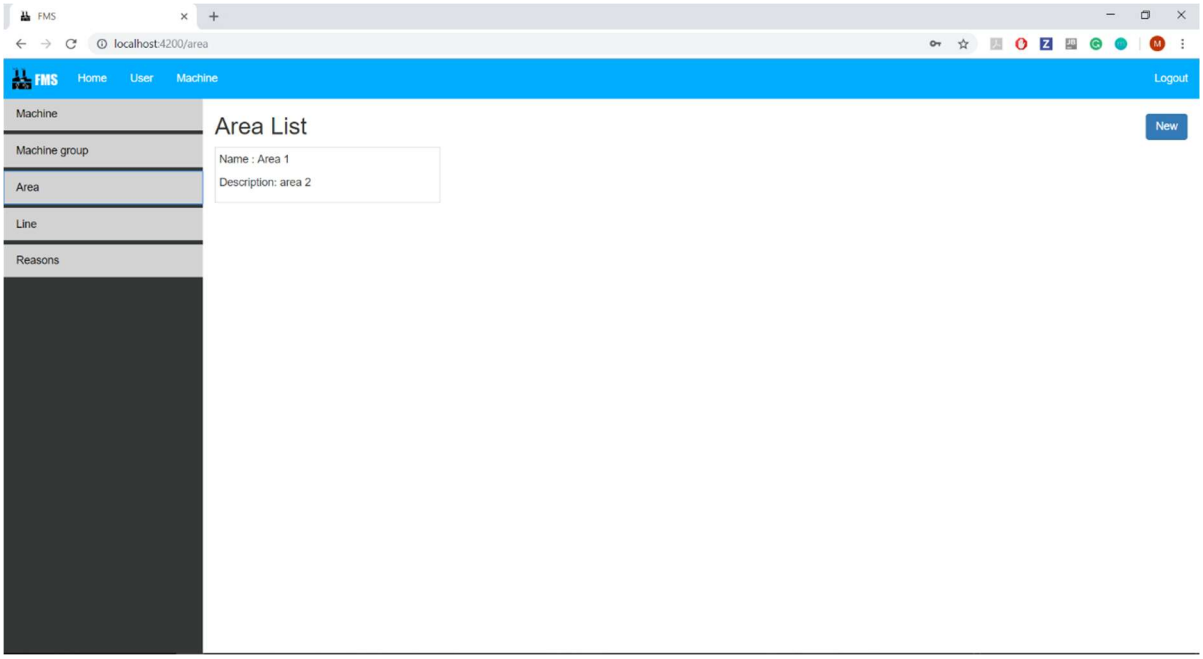

FMS
localhost:4200/reasons
FMS
Home
User
Machine
Logout
Machine
Machine group
Area
Line
Reasons
Reason
Back to List
Name
Reason code 1
Description
Reason code 1
Update
Delete

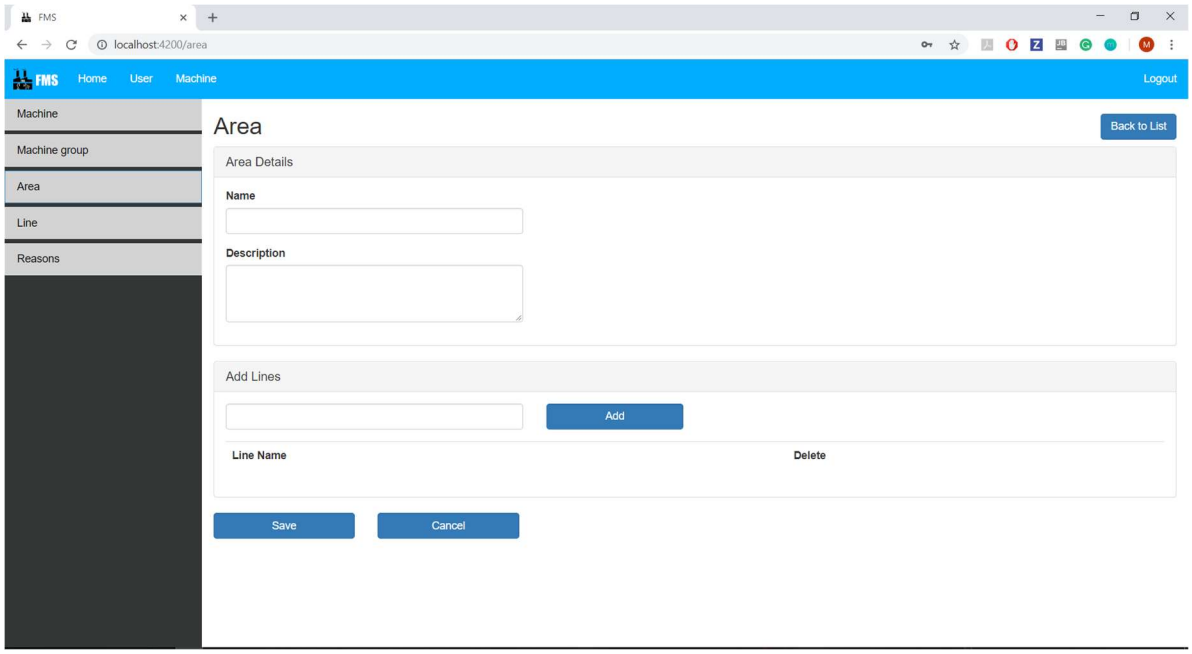
## 5. Area Module:

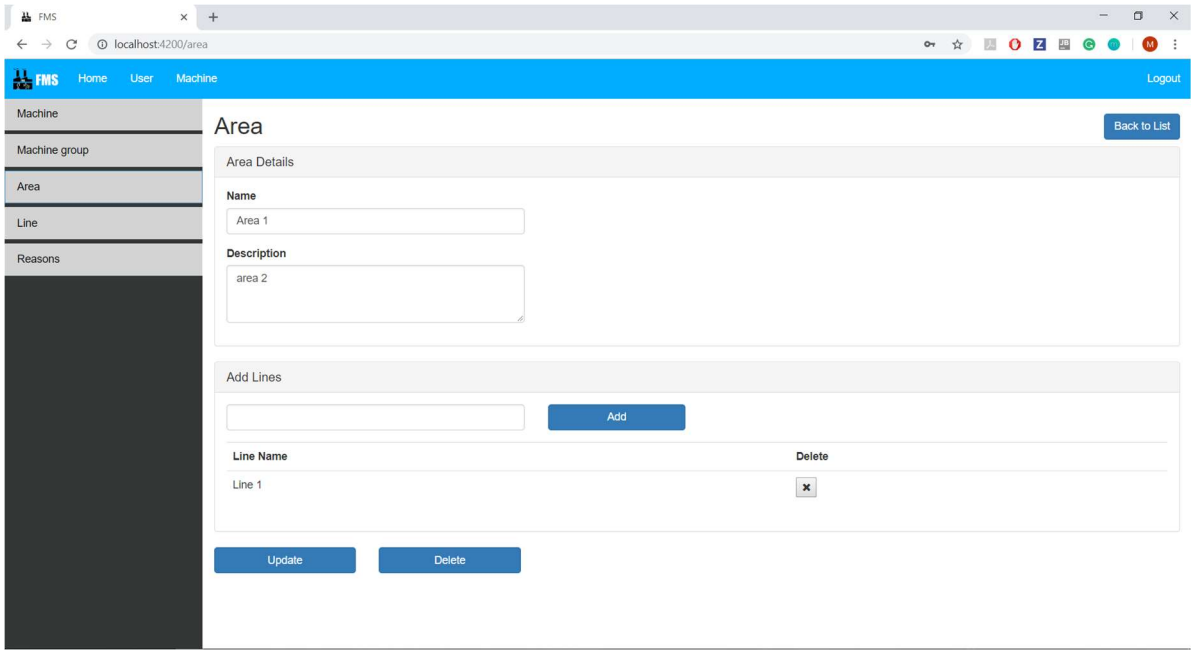
## Class diagram:




## Screenshots:

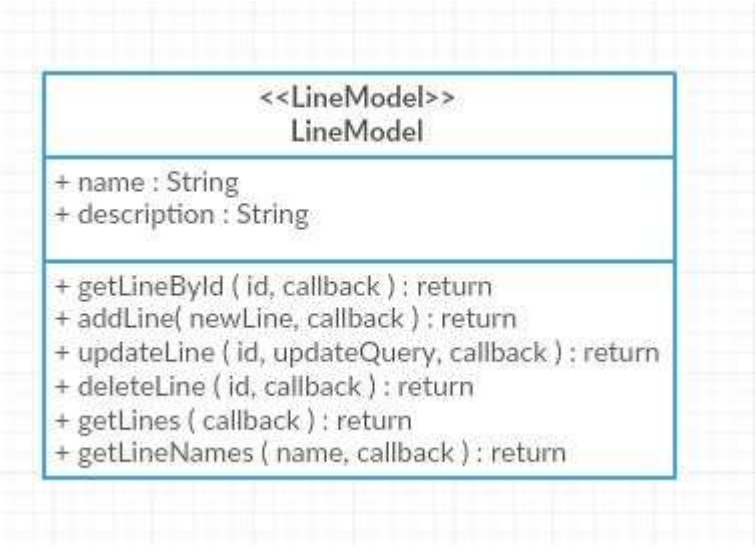



FMS
localhost:4200/area
FMS
Home
User
Machine
Logout
Machine
Machine group
Area
Line
Reasons
Area
Back to List
Area Details
Name
Description
Add Lines
Add
Line Name
Delete
Save
Cancel

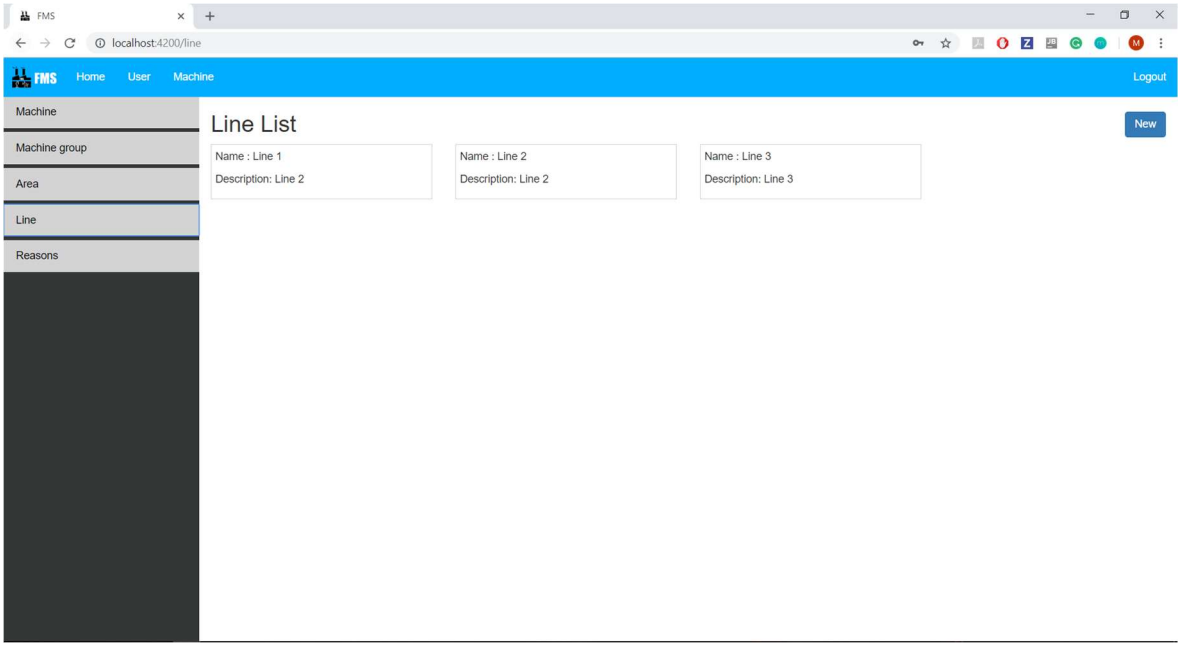

FMS
localhost:4200/area
FMS
Home
User
Machine
Logout
Machine
Machine group
Area
Line
Reasons
Area
Back to List
Area Details
Name
Area 1
Description
area 2
Add Lines
Add
Line Name
Delete
Line 1
Update
Delete

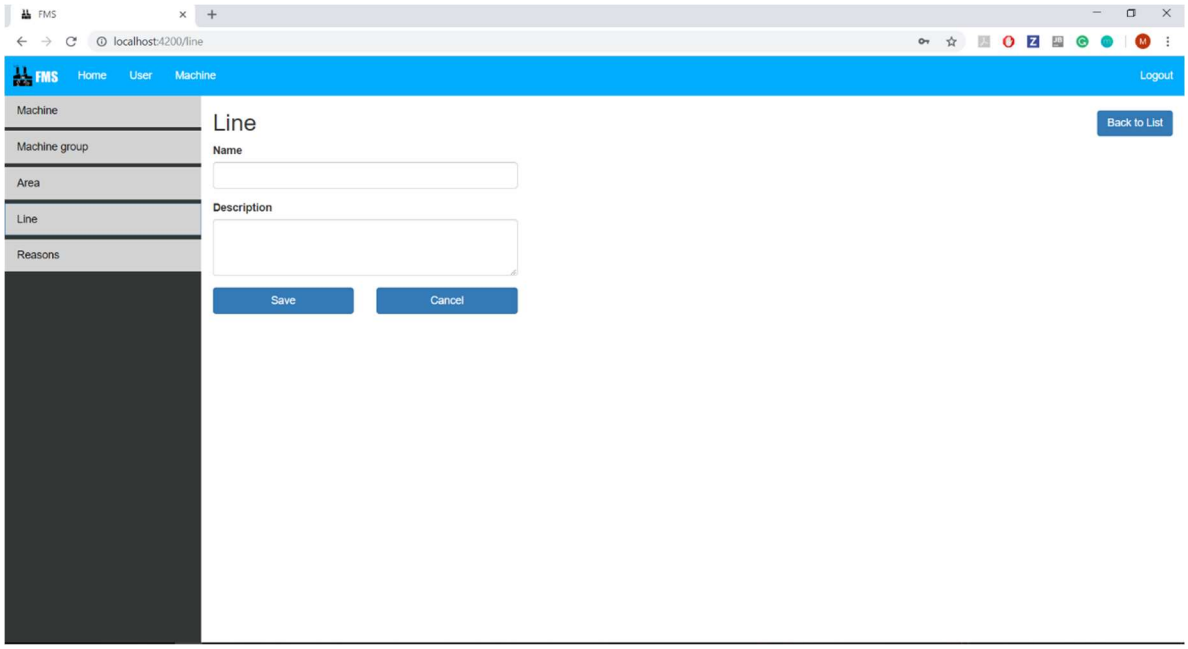
## 6. Line Module:

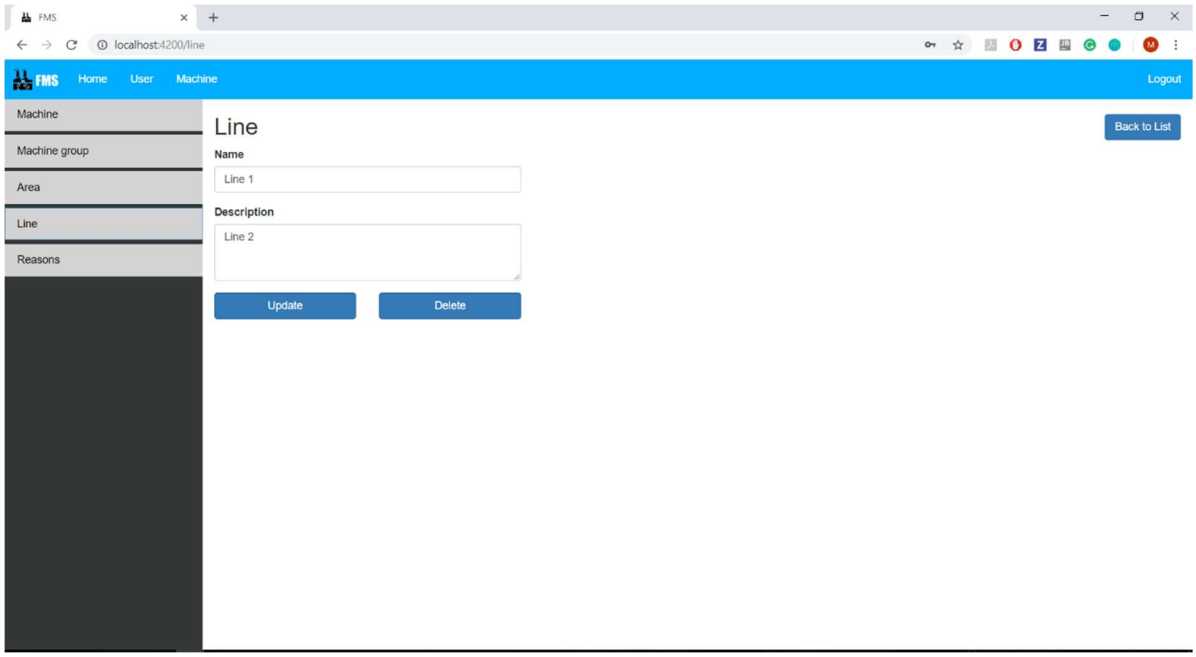
## Class diagram:




## Screenshots:

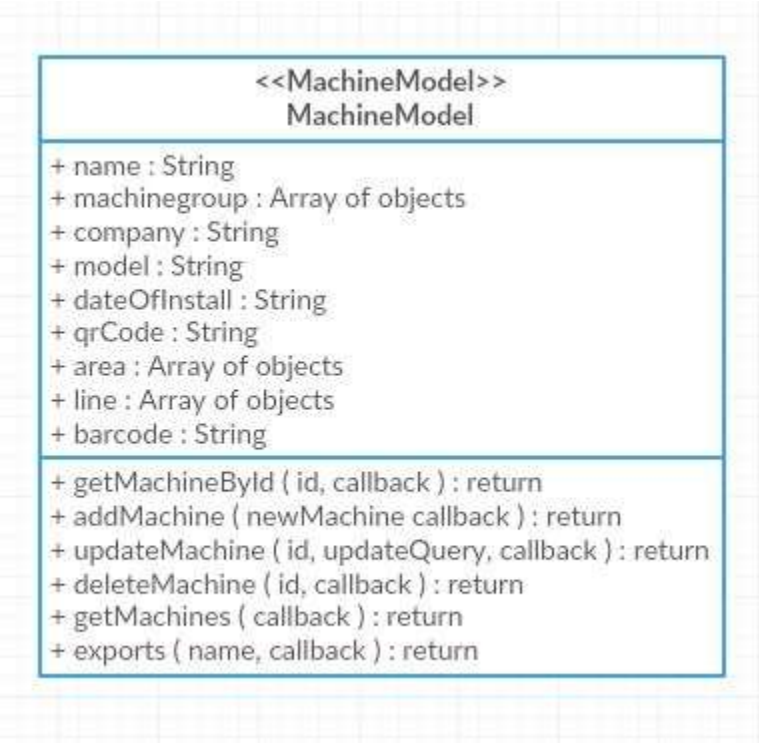



FMS
localhost:4200/line
FMS
Home
User
Machine
Logout
Machine
Machine group
Area
Line
Reasons
Line
Back to List
Name
Description
Save
Cancel

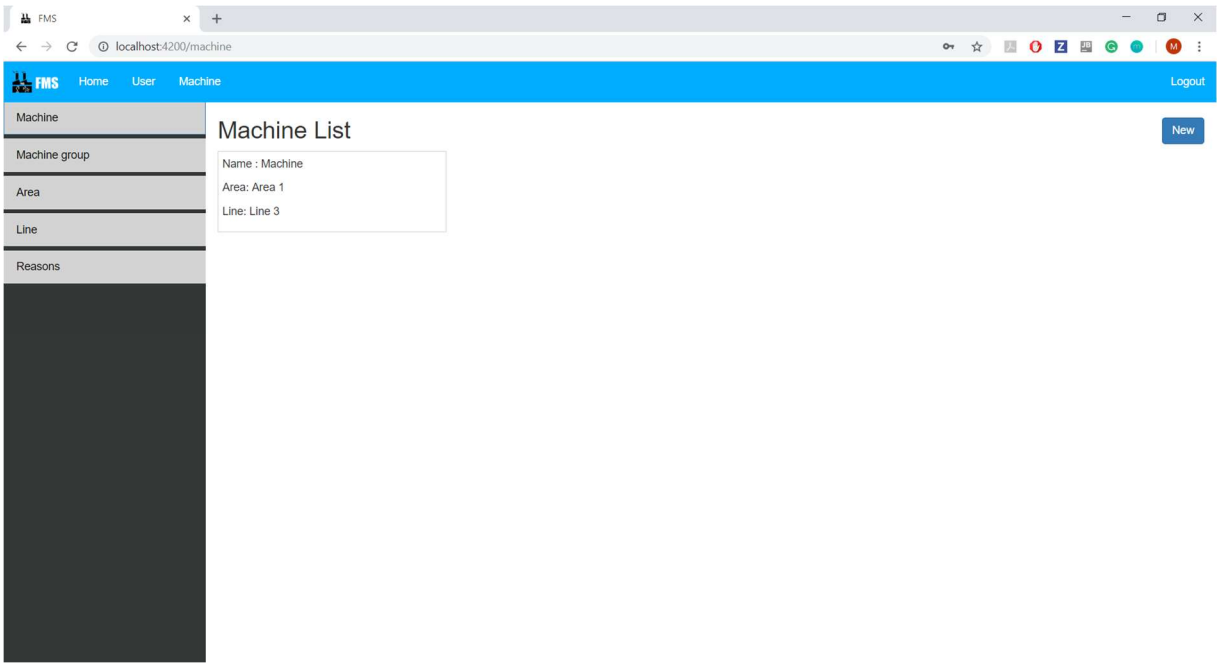

FMS
localhost:4200/line
FMS
Home
User
Machine
Logout
Machine
Machine group
Area
Line
Reasons
Line
Back to List
Name
Line 1
Description
Line 2
Update
Delete

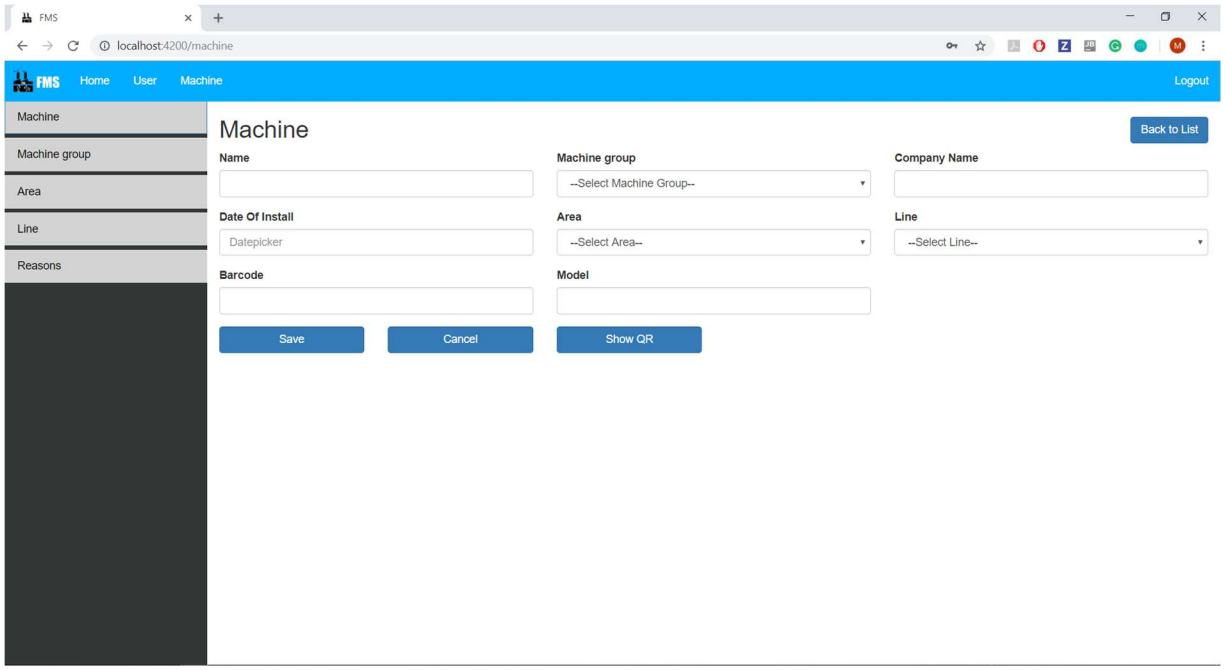
## 7. Machine Module:

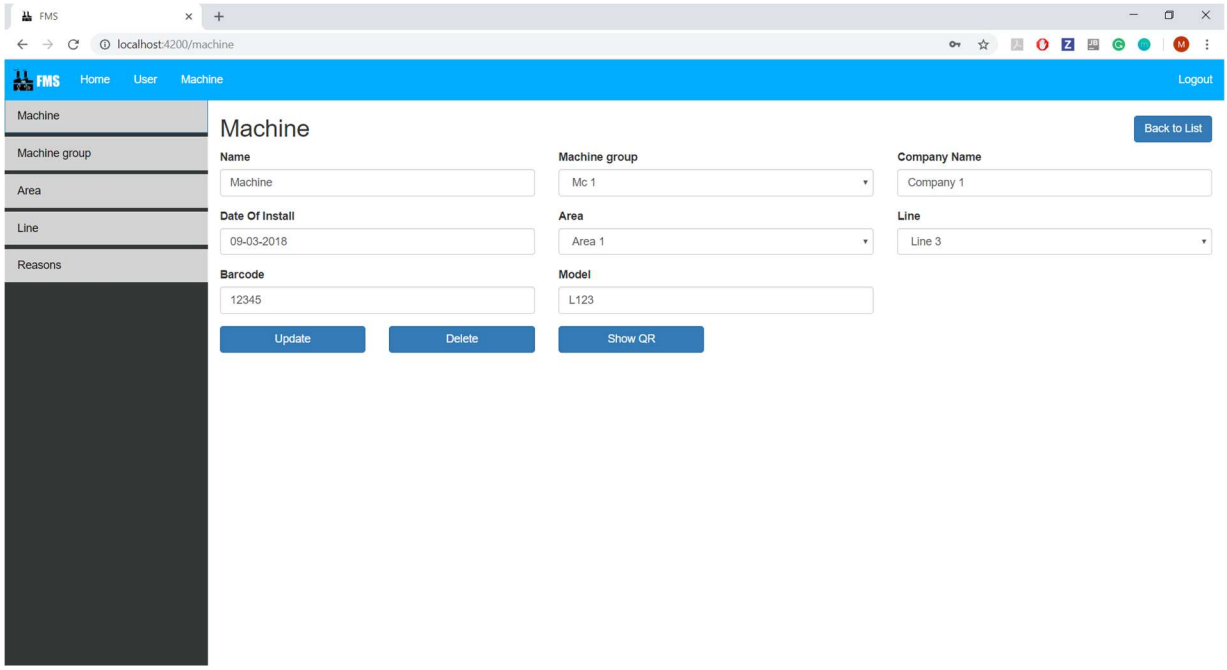
## Class diagram:

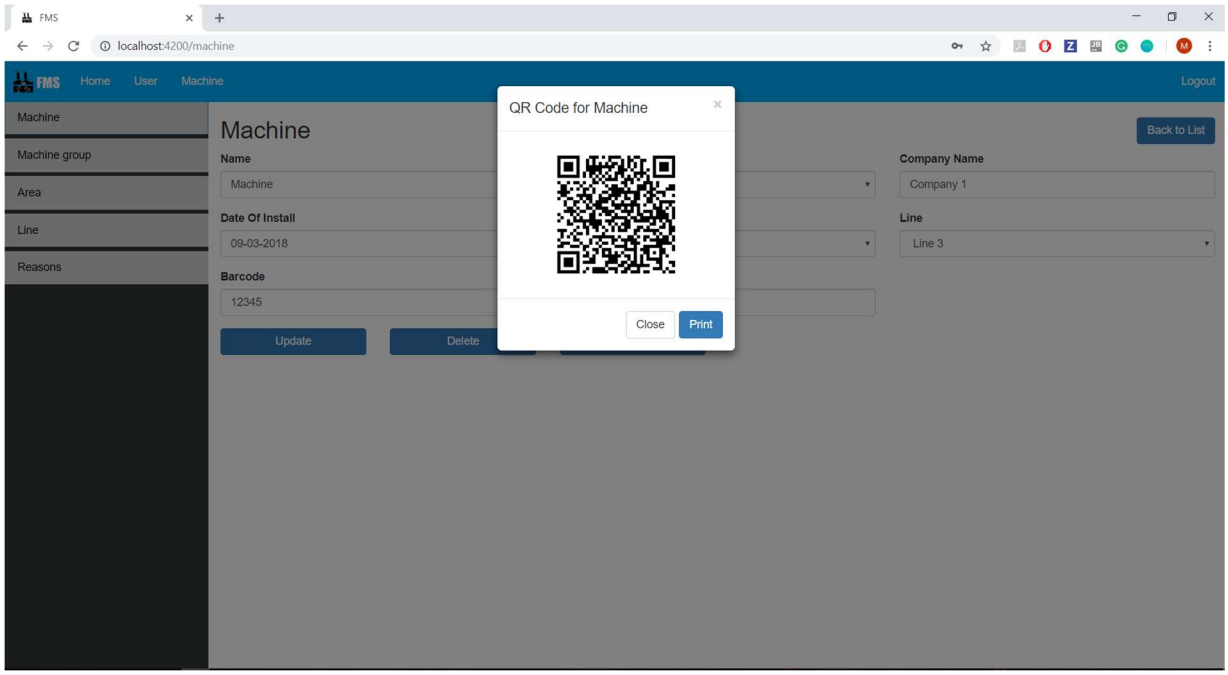


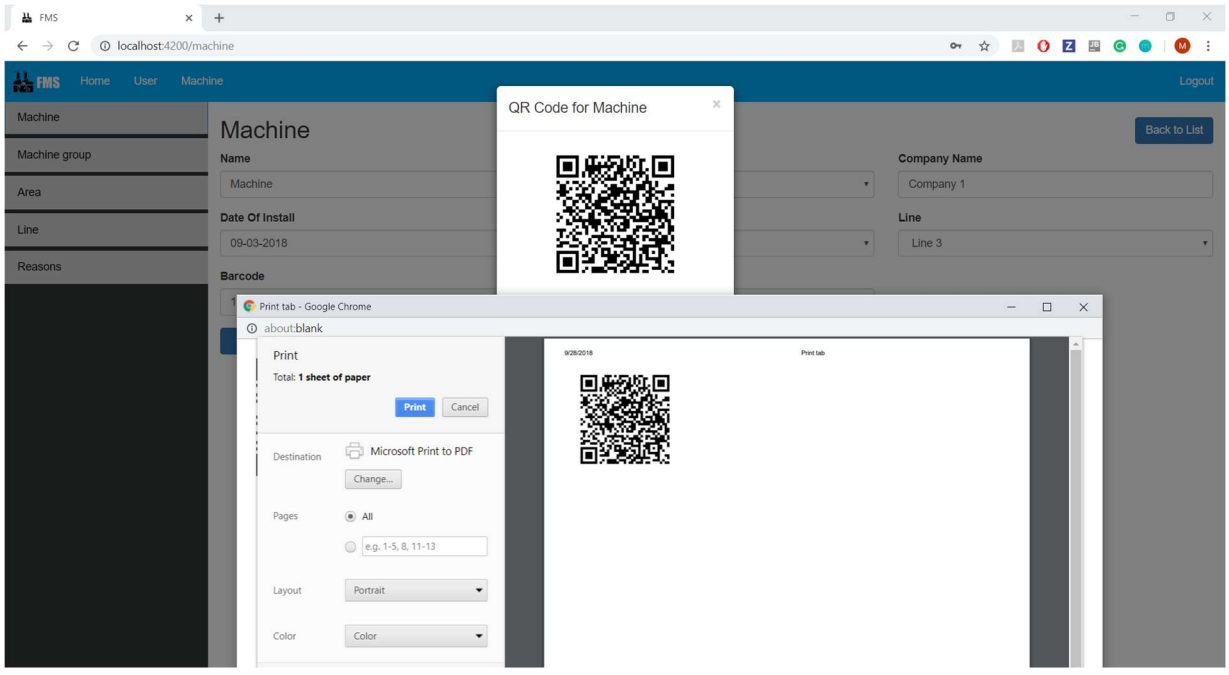

## Screenshots:




FMS
localhost:4200/machine
FMS
Home
User
Machine
Logout
Machine
Machine group
Area
Line
Reasons
Machine
Back to List
Name
Machine group
--Select Machine Group--
Company Name
Date Of Install
Datepicker
Area
--Select Area--
Line
--Select Line--
Barcode
Model
Save
Cancel
Show QR

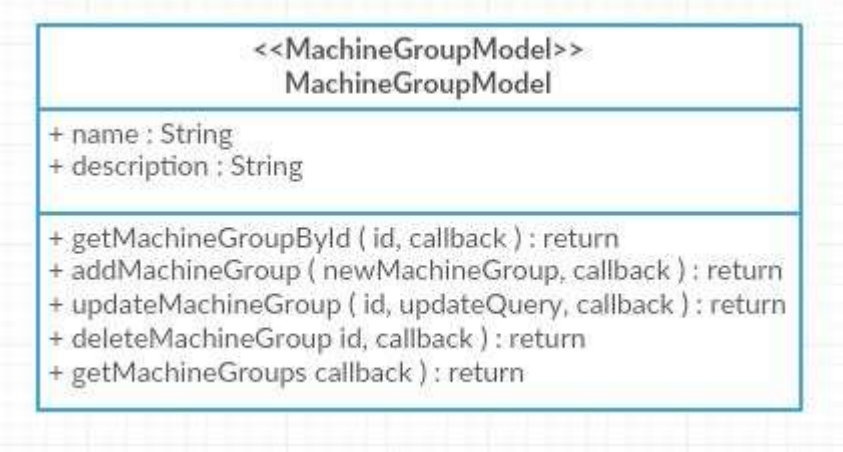

FMS
localhost:4200/machine
FMS
Home
User
Machine
Logout
Machine
Machine group
Area
Line
Reasons
Machine
Back to List
Name
Machine
Machine group
Mc 1
Company Name
Company 1
Date Of Install
09-03-2018
Area
Area 1
Line
Line 3
Barcode
12345
Model
L123
Update
Delete
Show QR


FMS
localhost:4200/machine
FMS
Home
User
Machine
Logout
Machine
Machine group
Area
Line
Reasons
Machine
Back to List
Name
Machine
Company Name
Company 1
Date Of Install
09-03-2018
Line
Line 3
Barcode
12345
Update
Delete
QR Code for Machine
Close
Print

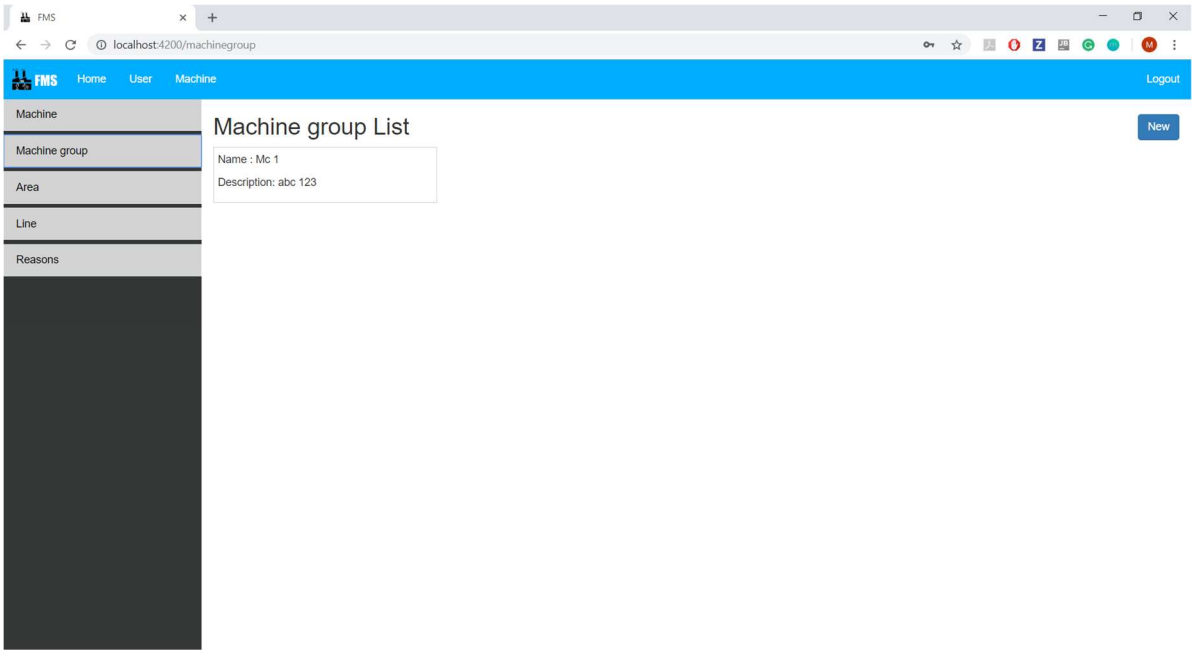

FMS
localhost:4200/machine
FMS
Home
User
Machine
Logout
Machine
Machine group
Area
Line
Reasons
Machine
Back to List
Name
Machine
Company Name
Company 1
Date Of Install
09-03-2018
Line
Line 3
Barcode
QR Code for Machine
Print tab - Google Chrome
about:blank
Print
Total: 1 sheet of paper
Print
Cancel
Destination
Microsoft Print to PDF
Change...
Pages
All
e.g. 1-5, 8, 11-13
Layout
Portrait
Color
Color
9/28/2018
Print tab

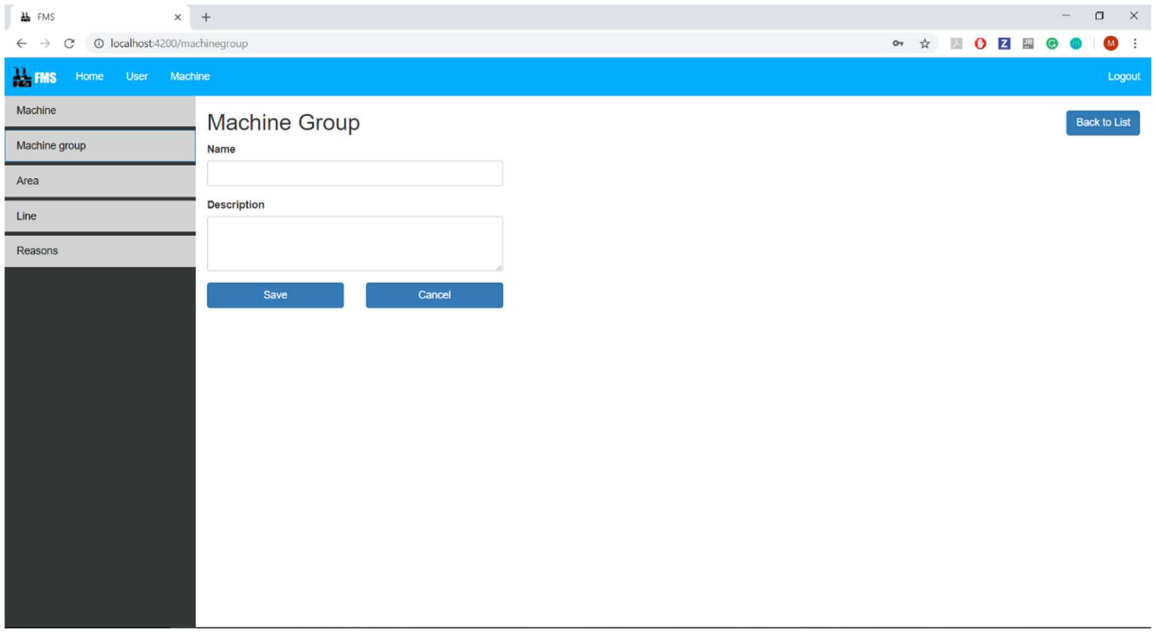
## 8. Machine Group Module:

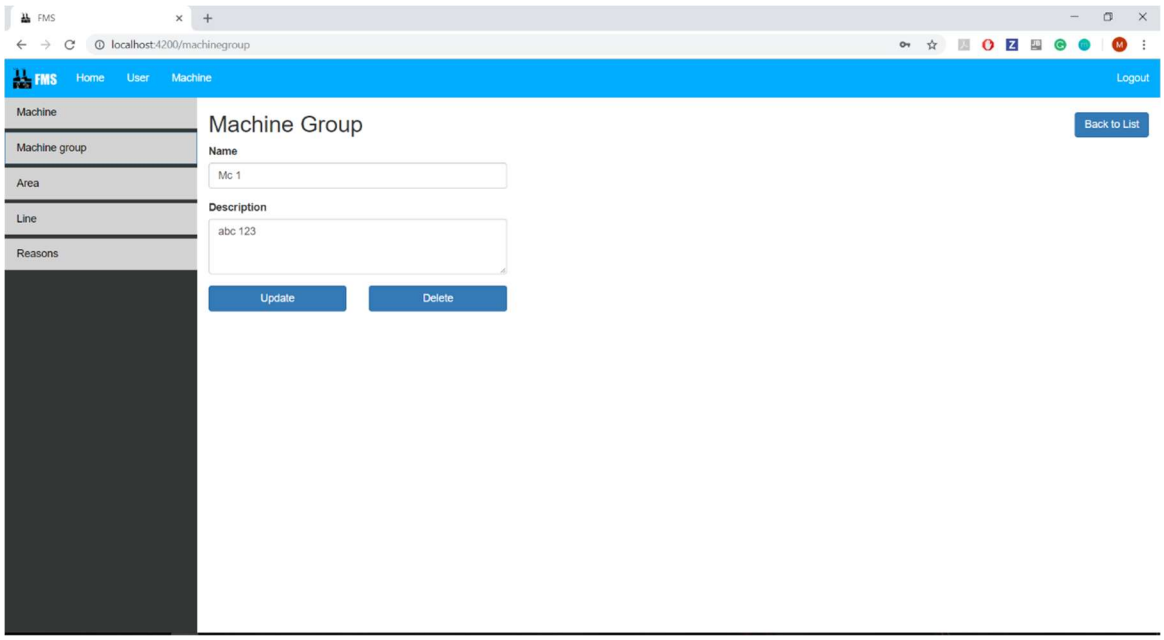
## Class diagram:



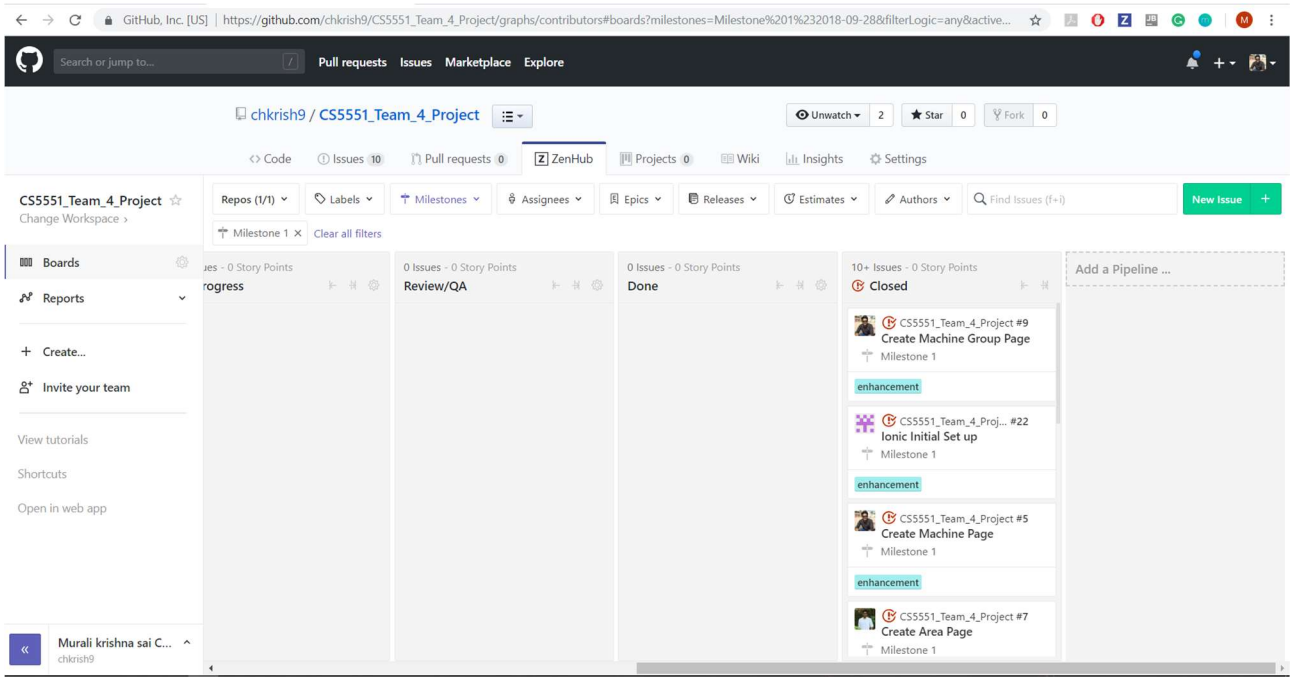

## Screenshots:



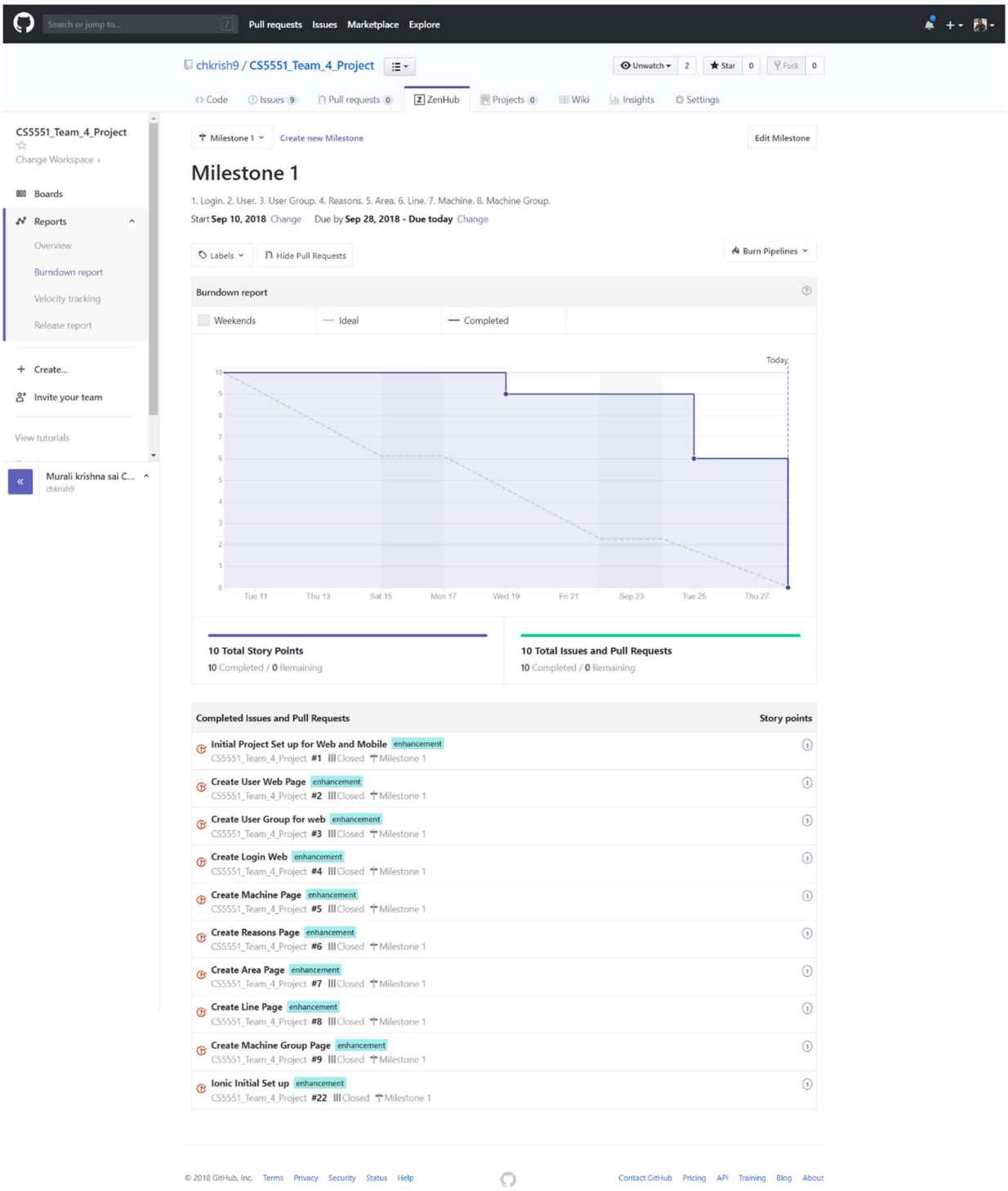

FMS
localhost:4200/machinegroup
FMS
Home
User
Machine
Logout
Machine
Machine group
Area
Line
Reasons
Machine Group
Back to List
Name
Description
Save
Cancel


FMS
localhost:4200/machinegroup
FMS
Home
User
Machine
Logout
Machine
Machine group
Area
Line
Reasons
Machine Group
Back to List
Name
Mc 1
Description
abc 123
Update
Delete

# Zenhub :


GitHub, Inc. [US] | https://github.com/chkrish9/CS5551_Team_4_Project/graphs/contributors#boards?milestones=Milestone%201%232018-09-28&filterLogic=any&active...
Search or jump to...
Pull requests
Issues
Marketplace
Explore
chkrish9 / CS5551_Team_4_Project
Unwatch 2
Star 0
Fork 0
Code
Issues 10
Pull requests 0
ZenHub
Projects 0
Wiki
Insights
Settings
CS5551_Team_4_Project
Change Workspace
Boards
Reports
Create...
Invite your team
View tutorials
Shortcuts
Open in web app
Murali krishna sai C...
chkrish9
Repos (1/1)
Labels
Milestones
Assignees
Epics
Releases
Estimates
Authors
Find Issues (f+i)
New Issue
Milestone 1
Clear all filters
0 Issues - 0 Story Points
Review/QA
0 Issues - 0 Story Points
Done
10+ Issues - 0 Story Points
Closed
Add a Pipeline ...
CS5551_Team_4_Project #9
Create Machine Group Page
Milestone 1
enhancement
CS5551_Team_4_Proj... #22
Ionic Initial Set up
Milestone 1
enhancement
CS5551_Team_4_Project #5
Create Machine Page
Milestone 1
enhancement
CS5551_Team_4_Project #7
Create Area Page
Milestone 1

# Burndown chart :



# Contribution :

## 1. Murali krishna sai Chukka

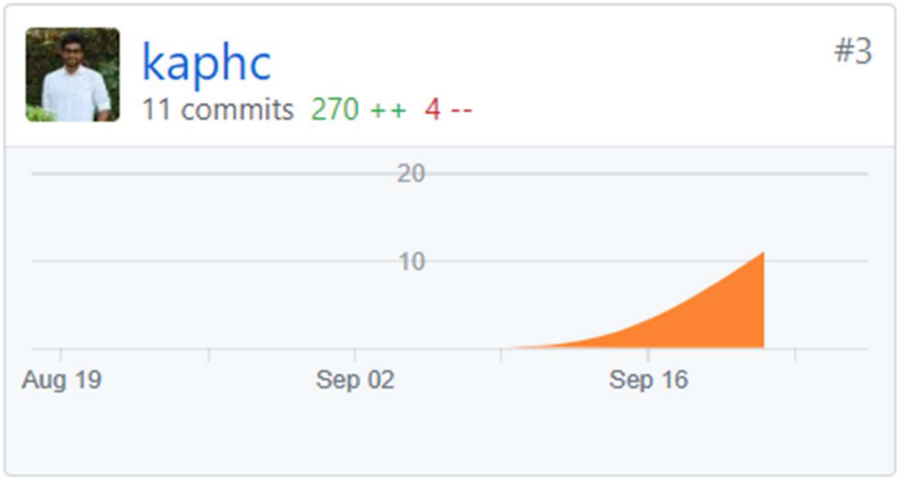
**Modules Worked:**

1. Initial web set up. (Zenhub Issue No: #1)
2. Machine. (Zenhub Issue No: #5)
3. Machine Group. (Zenhub Issue No: #9)

## 2. Kavin Kumar Arumugam

**Modules Worked:**

1. User Group. (Zenhub Issue No: #3)
2. Area. (Zenhub Issue No: #7)



## 3. Rupesh Sai Ram Doddala

**Modules Worked:**

1. User. (Zenhub Issue No: #2)
2. Line. (Zenhub Issue No: #8)

## 4. Rahul Reddy Yerva

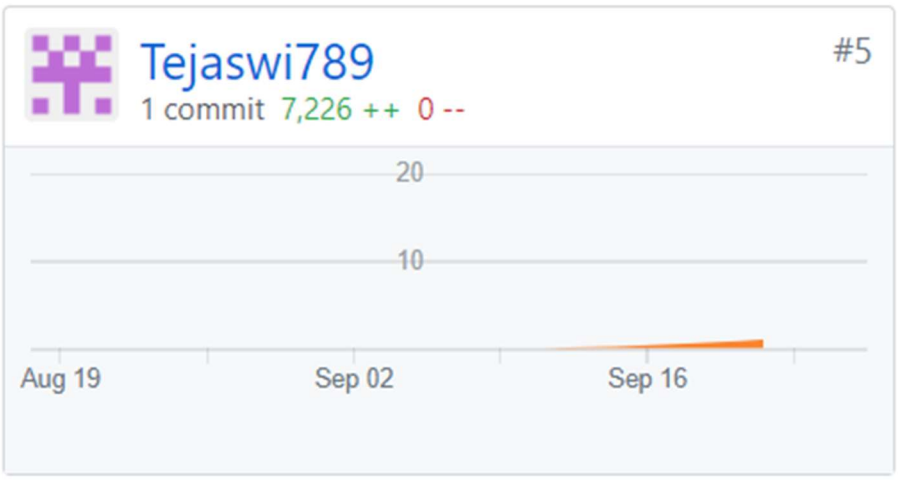
**Modules Worked:**

1. Login. (Zenhub Issue No: #4)
2. Reasons. (Zenhub Issue No: #6)

## 5. Tejaswi Ayyadapu (Started from 09/26/18)

**Modules Worked:**

1. Initial set up for mobile. (Zenhub Issue No: #22)



## References:


https://www.npmjs.com/package/ngx-qrcode2

https://getbootstrap.com/docs/3.3/components/

https://angular.io/docs

https://www.youtube.com/watch?v=DQ9pZ2NKXRo&index=2&list=PLillGF-RfqbZMNtaOXJQiDebNXjVapWPZ