

1 hour daily. 2 days per week
Duration 2 - 3 months

Project

Technology stack

- Java SE
- Java EE
- Spring web MVC
- MySQL 5.x
- Foncal apache web server
- HTML || CSS || JavaScript
- AJAX, jQuery
- Apache Maven project.

Guidelines

Modular development

- Web layer (MVC)
- Business layer (services)

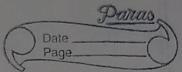
Reusability

- loose coupling strategy
- Extensibility
- Customizable
- Source code documentation

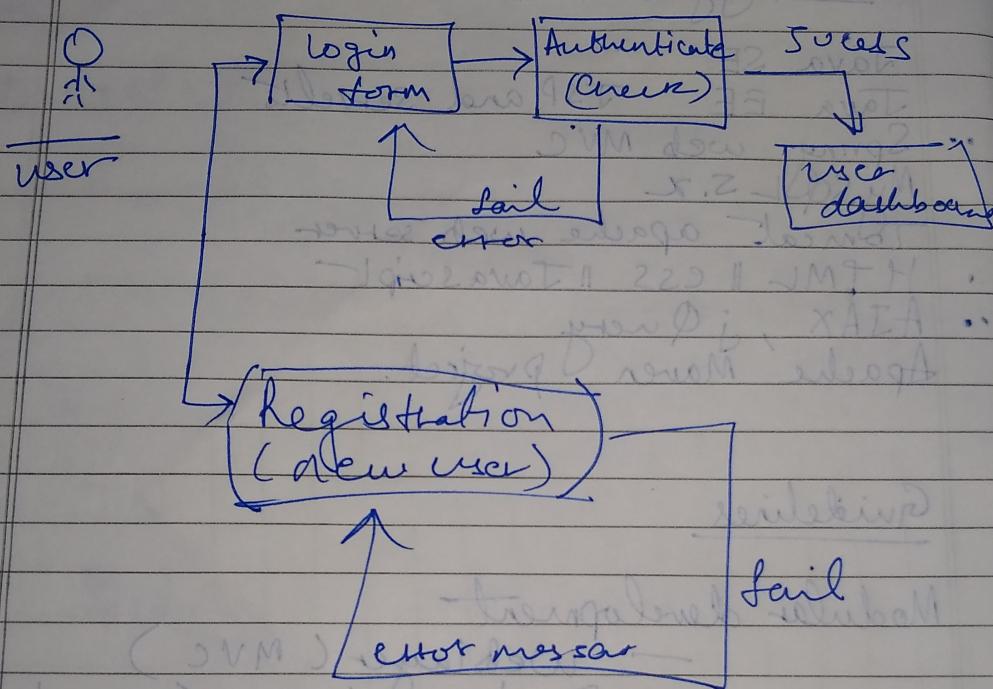
knowledge required
JSP, Servlets
HTML, CSS || JavaScript
Core Java, JDBC.
Spring MVC.

Process Flow

Session E-S midweek



User login flow



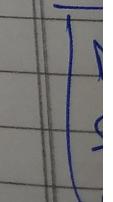
Delete

user



Edit

user



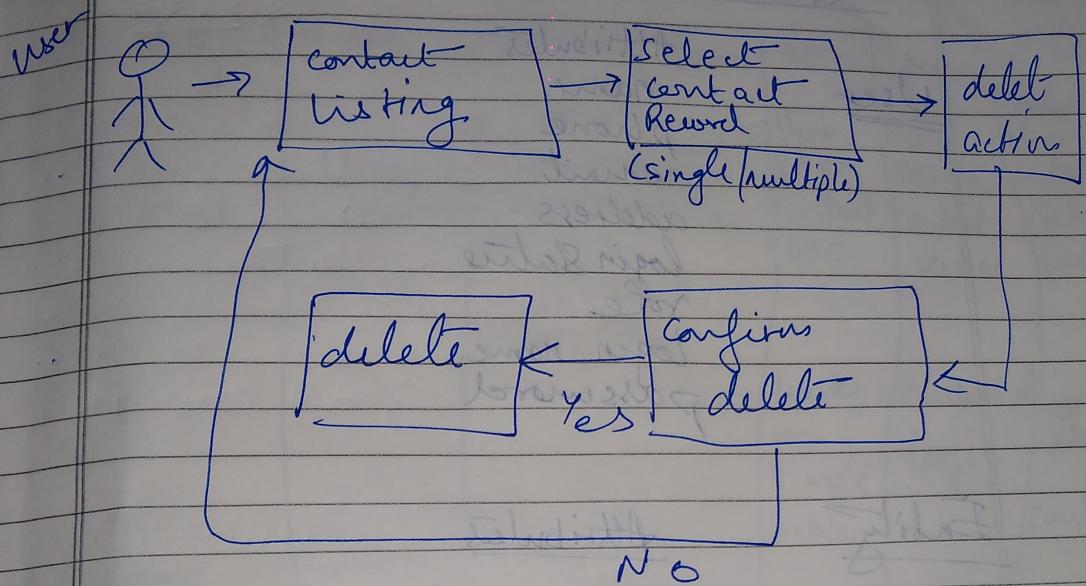
Business application

Tables 92T

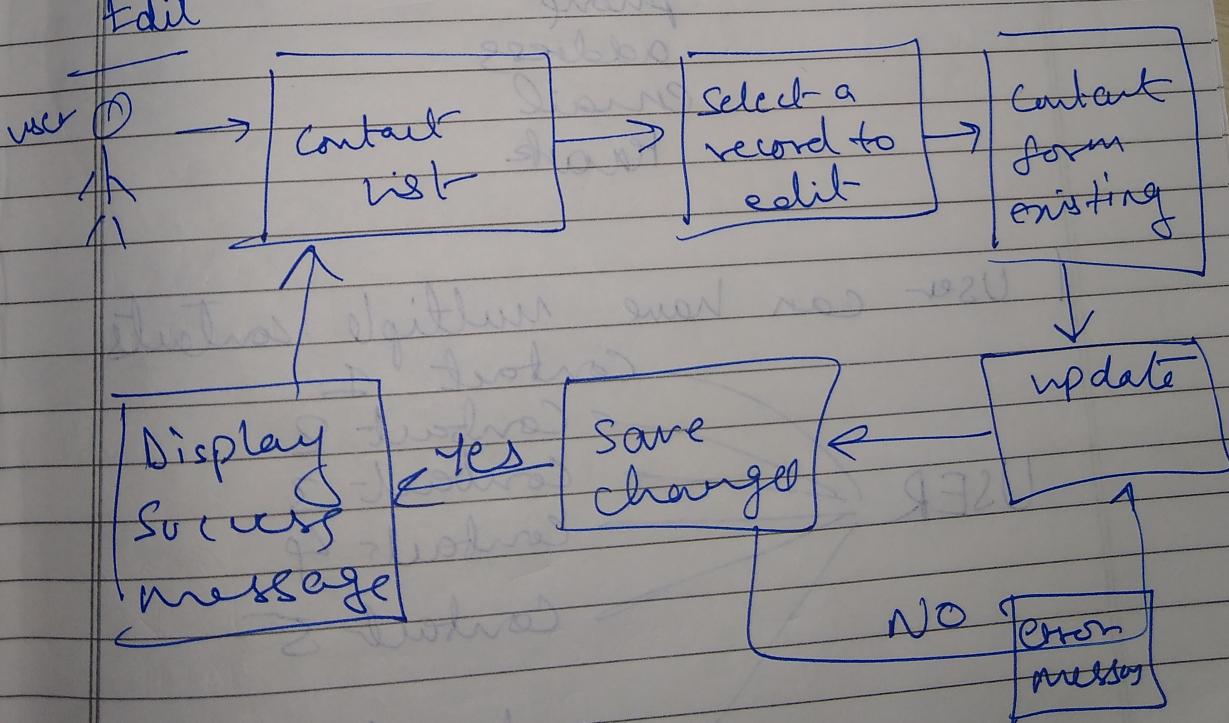
Hiweek II 22/11/2014

2015 intro oral

Delete contact



Edit



Database

Entity in contact app

User

Attributes

name
phone
email
address
login status
role
login name
password

Entity

Contact

Attributes

Name
Phone
Address
Email
Remark

User can have multiple contacts

USER

Contact 1

Contact 2

Contact 3

Contact 4

Contact 5

Contact 6

Role of entity in front end and backend.

Entity	Table	domain class	DAO	Services
User	User	User.java	User DAO	User Service
Contact	Contact	Contact.java	Contact DAO	Contact service
				Controller

Software engineering design.

Backend	Frontend	Frontend
works on single table	customized logic	MVC controller

Database

USER

Column	Type	size	Notes
User Id	Integer	11	(Primary key autoIncrement)
name	Varchar	50	
Phone	Varchar	13	
Email	Varchar	50	
address	Varchar	150	
login name	Varchar	20	Not null Unique Key
Password	Varchar	50	not null

Role Integer

1

not null

1 admin

2 User

~~Def~~

~~definition~~

Default : 2

Login status Integer 1 not null

1: enabled

2: disabled

Default value : 1

Contact

Contact

User Id

When o

delete

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~~Contact~~

ContactId Integer || Primary key auto increment

UserId Integer || Foreign key

(when any record from user is deleted all the associated child class will be deleted)

Update no
Action.
delete
Cascade

Name Varchar 50

Phone Varchar 50

email Varchar 50

address Varchar 200

remark Varchar 150

Sample data

Pares
Date _____
Page _____

userId	Name	Phone	Email Address
101	Vatsavakshi		
102	Shrey mishra		
103	+has Naresh		
104	Kashish		(9876543210) 9876543210
105	Taha		
106	Gaurav		
107	Simeen		

JSR

Varshika

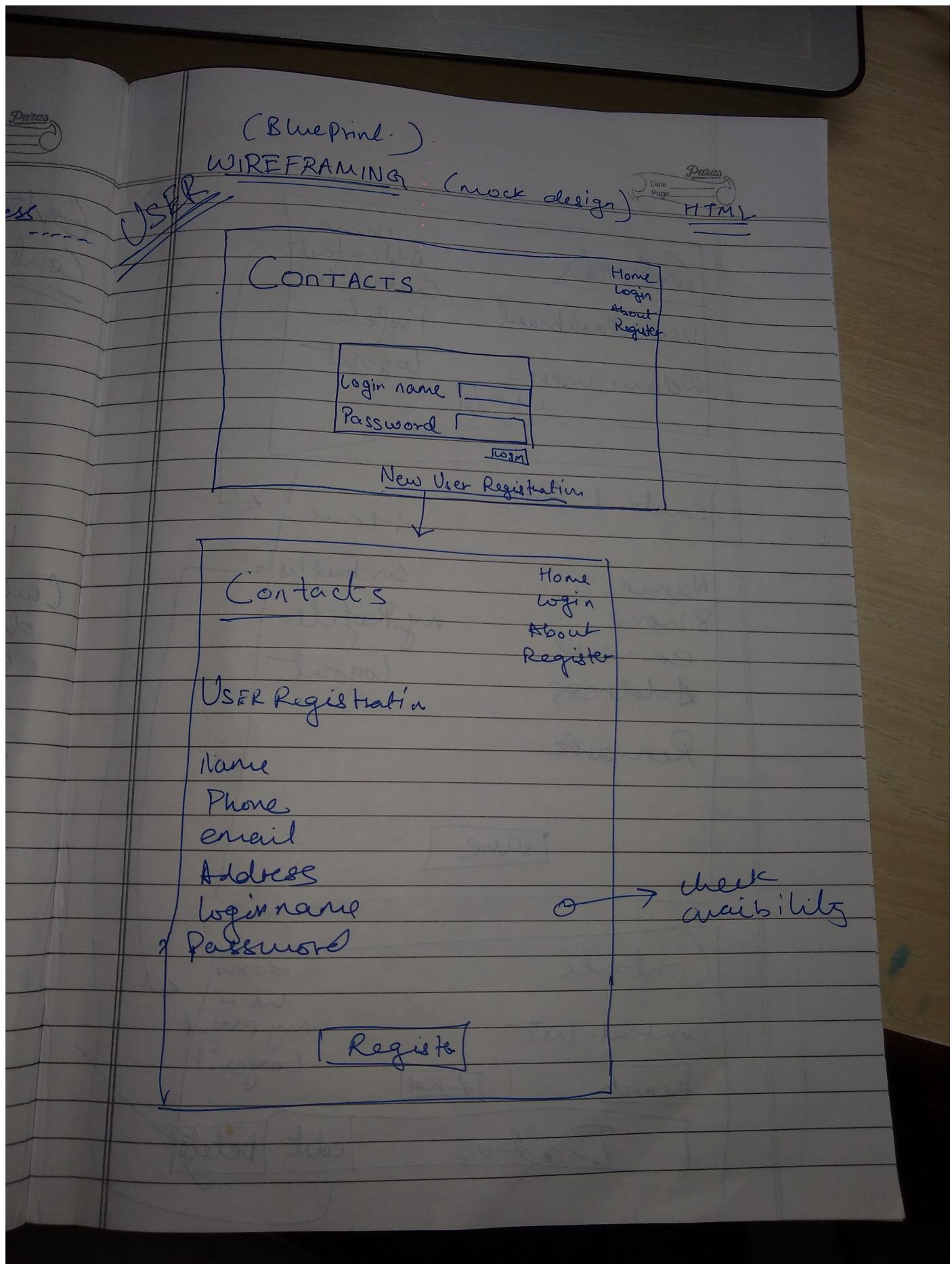
mishra

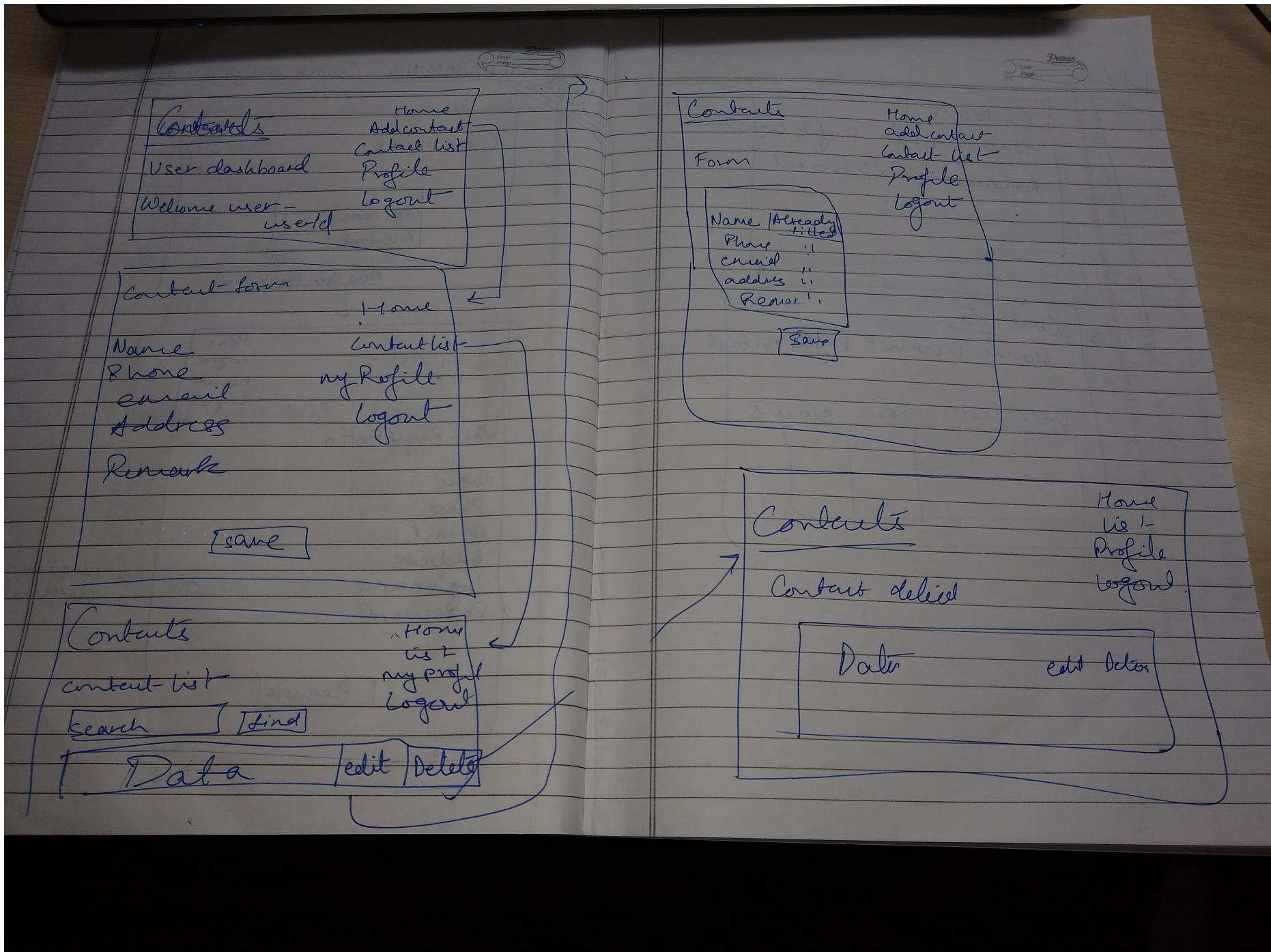
9876543210

Contact

contentId	User Id (foreign key)	Name
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1	102	blah
2	101	blah
3	102	blah blah
4	104	blah blah
5	106	blah blah





~~Admin~~

Paras

Date
Page

Contacts

Home user list Profile contact

Admin Dashboard

Contacts

Home user list Profile contact

User list

Role

Status

Enterprise info system layer (Web layer) looks for database

command is the object which is working in between controller and view. Interface turn role only would no about the changes.

If no change hence

Panning
Date Page

