route planner

Bootcamp Java
TeamProject

General info

A platform to
create, plan or join routes.

Sign in with your account
and search for routes!

route
planner

Requirements

Users

Create account
Login to account
Join a route
Edit profile

Routes

Create routes
Upload photo
Write description
Set routes dates

Posts

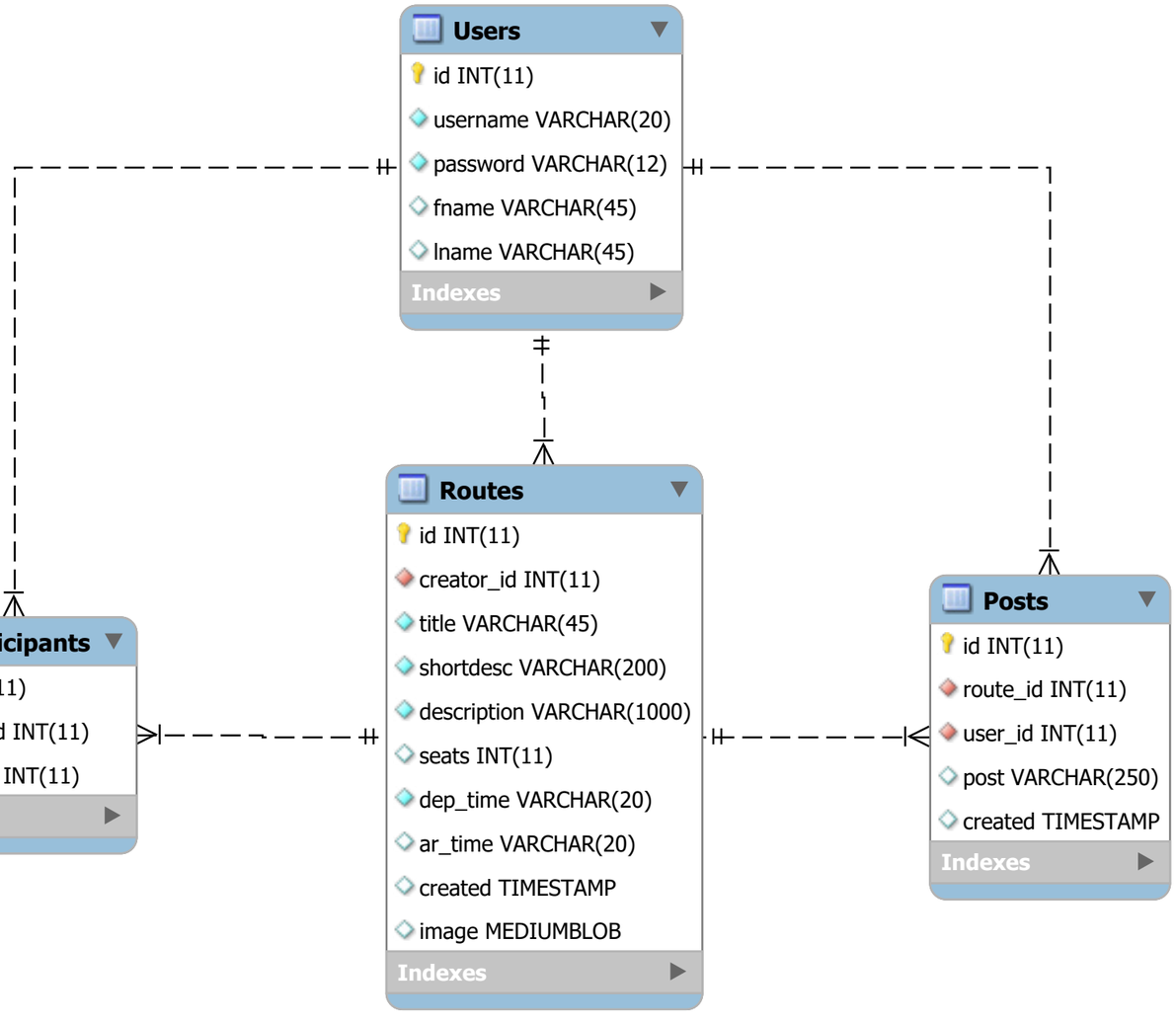
Create post in each route chat to ask information about it

route planner

Technologies used

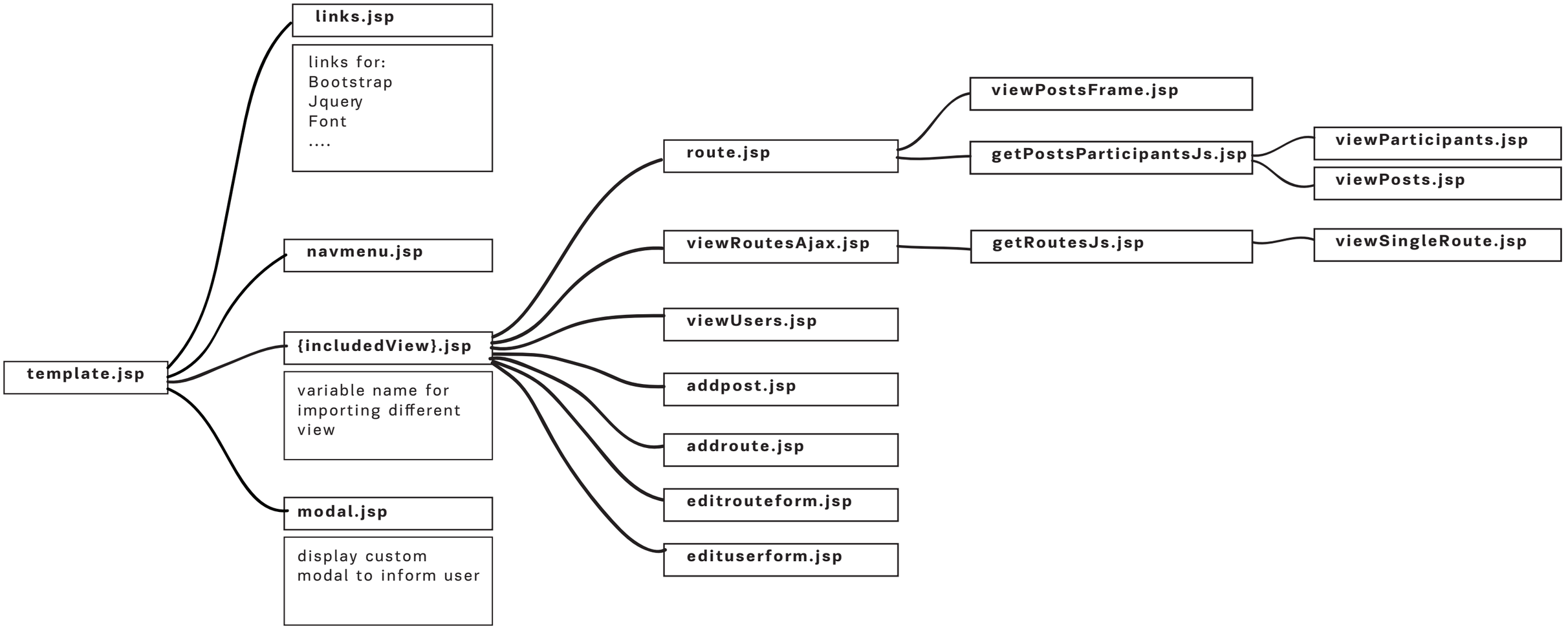
JSP
JQuery - AJAX
Bootstrap
Spring MVC framework
Cookie based authentication
MySQL Database
Apache Tomcat Webserver

DB Schema



route planner

JSP segments linking



route planner

Classes diagram

CONTROLLERs
com.teamproject.controller

CookieHandler

HashMap<Integer,String> idCookieMap

ParticipantController

GET /getparticipants{id}
GET /postparticipants{id}

PostController

GET /posts/{id}
POST /addpost

UserController

/profile
GET /allusers
GET /edituser{id}
POST /updateuser
GET /deleteuser{id}

RouteController

GET /allroutes
GET /allcreatedroutes
GET /alljoinedroutes
GET /route/{id}
GET /ajaxroute/{id}
GET /addroute
GET /addroute
GET /editroute{id}
GET /updateroute
GET /uploadFile

WelcomeController

/, /index
GET /login
POST /login
GET /signup
POST /signup
GET /logout

POJOs
com.teamproject.bean

Participant

int id;
int route_id;
int user_id;

Post

int id
int route_id
int user_id
String created
String post

Route

int id
int creator_id
String title
String shortdesc
String description
int seats
String dep_time
String ar_time
String created
String image

User

int id
String username
String password
String fname
String lname

DAOs
com.teamproject.db

ParticipantDAO

int createParticipant
int deleteParticipant
HashMap<Integer, Participant> selectAllParticipants
HashMap<Integer, Participant> getParticipantfromQuery
Participant getParticipantById
ArrayList<Integer> selectParticipantById
boolean checkParticipant

PostDAO

int createPost
HashMap<Integer, Post> selectAllPosts
HashMap<Integer, Post> selectPostsByRouteId
HashMap<Integer, Post> getPostfromQuery
Post getPostById

RouteDAO

ArrayList<Integer> getRoutesIdsList
List<Integer> selectCreatedRoutesIds
List<Integer> selectJoinedRoutesIds
int createRoute
InputStream getBlobInputStream
HashMap<Integer, Route> selectAllRoutes
HashMap<Integer, Route> selectAllCreatedRoutesById
HashMap<Integer, Route> selectAllJoinedRoutesById
HashMap<Integer, Route> getRoutefromQuery
String stringFromBlob
Route getRouteById
int updateRoute
Route selectRouteById

UserDAO

HashMap<Integer, String> getidUsernamesMap
int checkUser
int checkUsernamePassword
User getUserById
int createUser
void setUser
HashMap<Integer, User> searchForUser
HashMap<Integer, User> selectAllUsers
HashMap<Integer, User> getUsersfromQuery
int updateUser
int deleteUser

VIEWs
WEB-INF/resources/views

addpost
addroute
editrouteform
edituserform
empty
getPostsParticipantsJs
getRoutesJs
links
login
modal
navmenu
register
route
template
viewParticipants
viewPosts
viewPostsFrame
viewRoutesAjax
viewSingleRoute
viewUsers

DATABASE
com.teamproject.db.core

Database

route planner

route planner

Contributors:

Team Leader: **Mixalis Gkikas**
Database: **Leonidas Kouros**
Backend: **Marios Papanikolaou**
Frontend: **Sofia Tzempelikoy**
allAround: **John Ventouras**

January 2019