**Installation Manual of Web Application**

* Requirements

1. Open ports in 8080 and 3306.
2. NetBeans IDE
3. Glassfish or tomcat server
4. DBMS
5. 512 MB RAM
6. Storage Space 30 GB

* Installation

1. After downloading the project
2. Install NetBeans and open the project in NetBeans
3. Install MySQL where the username and password for the database is
   1. Username: root
   2. Password:TeamC@1234
4. Create a database name campustour.
5. Run the script in the database file in MySQL database which creates all the tables and records.

CREATE DATABASE IF NOT EXISTS `campustour` /\*!40100 DEFAULT CHARACTER SET utf8 \*/;

USE `campustour`;

DROP TABLE IF EXISTS `user`;

CREATE TABLE `user` (

`email` varchar(255) NOT NULL DEFAULT 'abc@email.com',

`password` varchar(45) DEFAULT 'abc',

`role` varchar(45) DEFAULT 'user',

PRIMARY KEY (`email`)

);

INSERT INTO `user` (`email`, `password`, `role`) VALUES ('admin','admin','admin'),('admin@kcpl.com','a','user'),('admin@ucm.com','ucmucm','user'),('malli@sastra.edu','a','user'),('pradeep@jntu.edu','soulmate','user'),('s525904k@mail.nwmissouri.edu','a','user'),('s525904m@mail.nwmissouri.edu','s525904','user'),('sumanth@lvly.edu','asd','user');

DROP TABLE IF EXISTS `universities`;

CREATE TABLE `universities` (

`university\_id` int(10) unsigned NOT NULL AUTO\_INCREMENT,

`university\_name` varchar(200) NOT NULL,

`university\_coordinates` varchar(45) NOT NULL,

`tour\_path` varchar(20000) DEFAULT ';',

`email` varchar(45) DEFAULT NULL,

PRIMARY KEY (`university\_id`),

UNIQUE KEY `university\_id\_UNIQUE` (`university\_id`)

);

INSERT INTO `universities` (`university\_id`, `university\_name`, `university\_coordinates`, `tour\_path`, `email`) VALUES (1,'NWMSU - Maryville','40.352611, -94.883933','40.350997, -94.882519;40.351078, -94.882531;40.35116, -94.882585;40.351246, -94.882658;40.35129, -94.882767;40.351337, -94.88292;40.351444, -94.88294;40.351554, -94.882949;40.351647, -94.882948;40.351672, -94.882949;40.351646, -94.882755;40.351671, -94.882287;40.351688, -94.881964;40.351881, -94.881839;40.352116, -94.881276;40.352155, -94.881126;40.352328, -94.881073;40.35235, -94.881053;40.352561, -94.880598;40.352587, -94.880648;40.35262, -94.88114;40.352412, -94.881435;40.352648, -94.881791;40.352786, -94.881988;40.352792, -94.882071;40.352943, -94.882566;40.353048, -94.882759;40.353066, -94.882935;40.353029, -94.882959;40.35291, -94.882987;40.352818, -94.88318;40.353153, -94.883455;40.352739, -94.883345;40.352636, -94.88358;40.352618, -94.883709;40.352635, -94.883738;40.352884, -94.883908;40.353588, -94.884456;40.354036, -94.884702;40.354064, -94.88471;40.354087, -94.884688;40.354124, -94.884667;40.354165, -94.884698;40.35419, -94.884765;40.354207, -94.884799;40.354241, -94.884824;40.354226, -94.884863;40.353847, -94.885059;40.353598, -94.88517;40.353516, -94.885251;40.353496, -94.88538;40.353538, -94.885606;40.353529, -94.885555;40.353611, -94.885574;40.353701, -94.885644;40.353788, -94.885595;40.353852, -94.885558;40.353842, -94.885722;40.353841, -94.885912;40.353954, -94.886055;40.354349, -94.886558;40.354359, -94.886633;40.354365, -94.888023;40.354308, -94.887985;40.354284, -94.887839;40.354052, -94.88776;40.35395, -94.887708;40.353788, -94.88768;40.353667, -94.887666;40.353597, -94.88765;40.353594, -94.887311;40.353148, -94.887296;40.353027, -94.887167;40.352614, -94.887221;40.351975, -94.887305;40.351266, -94.887387;40.351195, -94.887339;40.35115, -94.887269;40.351115, -94.88714;40.351056, -94.887006;40.350951, -94.886883;40.350863, -94.886806;40.350731, -94.886747;40.35054, -94.886747;40.350421, -94.886746;40.350352, -94.886714;40.350315, -94.886701;40.350022, -94.886726;40.349806, -94.886758;40.349739, -94.88676;40.349602, -94.886628;40.349557, -94.886609;40.349526, -94.885577;40.349531, -94.885359;40.349518, -94.885168;40.349514, -94.884891;40.349502, -94.884449;40.349495, -94.883863;40.349385, -94.883931;40.349307, -94.8839;40.349244, -94.883864;40.349216, -94.883809;40.349237, -94.883725;40.349304, -94.883672;40.349426, -94.883687;40.349487, -94.883711;40.349687, -94.883702;40.35041, -94.88368;40.350412, -94.88382;40.350478, -94.883816;40.350476, -94.883667;40.350425, -94.883666;40.350497, -94.883568;40.35059, -94.883442;40.350715, -94.883291;40.350871, -94.88313;40.350944, -94.883058;40.351018, -94.883173;40.351124, -94.883236;40.351148, -94.883235;40.351165, -94.883176;40.351246, -94.883066;40.351334, -94.882921;40.351305, -94.882827;40.351248, -94.882676;40.351149, -94.882571;40.351069, -94.882518;','s525904m@mail.nwmissouri.edu'),(2,'NWMSU - Kansas City','39.247079, -94.547608',';','s525904k@mail.nwmissouri.edu'),(3,'University Of Central Missouri','38.757948, -93.738383',';','admin@ucm.com'),(5,'SASTRA University Thanjavur','10.728797, 79.020226',';','malli@sastra.edu'),(6,'KCPL - Sibley Power Plant','39.178065, -94.184661',';','admin@kcpl.com'),(7,'JNTU Ananthapur','14.649629, 77.606741',';','pradeep@jntu.edu'),(8,'Lovely Professional University','1,2.6',';','sumanth@lvly.edu');

DROP TABLE IF EXISTS `buildings`;

CREATE TABLE `buildings` (

`building\_id` int(11) NOT NULL AUTO\_INCREMENT,

`building\_name` varchar(45) DEFAULT NULL,

`building\_coordinates` varchar(45) DEFAULT NULL,

`university\_id` int(11) NOT NULL,

`hasData` int(4) DEFAULT '0',

`tour\_position` int(4) DEFAULT '0',

`isInTour` int(4) DEFAULT '1',

PRIMARY KEY (`building\_id`),

UNIQUE KEY `building\_id\_UNIQUE` (`building\_id`)

);

INSERT INTO `buildings` (`building\_id`, `building\_name`, `building\_coordinates`, `university\_id`, `hasData`, `tour\_position`, `isInTour`) VALUES (1,'Colden Hall','40.350985, -94.882531',1,1,1,1),(2,'Student Union','40.351647, -94.882948',1,1,2,1),(3,'Valk Center','40.352561, -94.880598',1,1,3,1),(4,'Admin Building','40.353140, -94.883442',1,1,4,1),(5,'Garett Strong','40.354241, -94.884824',1,1,5,1),(6,'B D Owens Library','40.353538, -94.885606',1,1,6,1),(7,'Station','40.354365, -94.888023',1,1,7,1),(8,'Lamkin Activity Center','40.349514, -94.884891',1,0,8,1),(9,'Fine Arts Center','40.349216, -94.883809',1,0,9,1),(10,'Recreation Center','40.350478, -94.883816',1,0,11,1),(11,'Horrace Mann','40.351450, -94.883959',1,1,0,1),(12,'Highlander Theater','38.757149, -93.738295',3,1,1,1),(13,'Elliot Rec Center','38.758425, -93.740668',3,1,2,1),(14,'KL University Canteen','16.442702, 80.623370',4,1,1,1),(15,'Site Administration','39.178090, -94.183793',6,1,2,1),(16,'Furnace 1','39.178415, -94.183138',6,1,1,1),(17,'Associated Mechanical Shop','39.178278, -94.185750',6,1,3,1),(18,'ECSC','40.352785, -94.887050',1,1,11,0),(19,'Chanakya Vihar','10.729979, 79.015304',5,1,-1,0),(20,'Krishna Canteen','10.728852, 79.016860',5,1,-1,0),(21,'Canopy','10.728557, 79.017729',5,1,-1,0),(22,'Chith Vihar','10.729453, 79.019499',5,1,-1,0),(23,'Tifac Core','10.729516, 79.020164',5,1,-1,0),(24,'Anusandhan Kendra','10.726807, 79.021838',5,1,-1,0),(25,'Viswa Karma Jyoth','10.727504, 79.020736',5,1,-1,0),(26,'Vidyut Vihar','10.727161, 79.019269',5,1,-1,0),(27,'Jeeva Chaitanya Vihar','10.727430, 79.018345',5,1,-1,0),(28,'Nirman Vihar','10.727704, 79.017237',5,1,-1,0),(29,'Vignan Vihar','10.729360, 79.018919',5,1,-1,0),(30,'Vidya Vihar','10.729252, 79.018171',5,1,-1,0),(31,'Vishweshwarayya Hall','10.729252, 79.017031',5,1,-1,0),(32,'Gnana Vihar','10.729566, 79.016977',5,1,-1,0),(33,'Jnana Chaitanya','10.727300, 79.017603',5,1,-1,0),(34,'Saraswati Vidyalaya','10.728222, 79.018220',5,1,-1,0),(35,'ComputerScience Department','14.651689, 77.607567',7,1,-1,0),(36,'JNTU Library','14.650864, 77.608479',7,1,-1,0),(37,'Mechanical Engineering Block','14.649722, 77.605888',7,1,-1,0),(38,'Univerisity Guest House','14.653196, 77.609922',7,1,-1,0),(39,'asdqwezxc','1,2',8,1,1,1),(40,'vfsfvdfv','1,2',8,1,3,1),(41,'uiop','1,2',8,1,2,1),(42,'Admin Building','92,92',8,1,4,0),(43,'Science Center','42.376567, -71.117154',9,1,0,1),(44,'HIU','123,234',8,1,5,1),(45,'yui','123,234',8,1,6,1),(46,'raki','1234,9876',8,1,7,1),(47,'Mallik','42,42',8,1,8,1);

1. Execute the code which gives an active web application and everyone can connect to it using ipaddress/CampusTourWebApplication/faces.login.xhtml
2. Login as admin using credentials username: admin password: admin
3. Login as user using username: [s525904m@mail.nwmissouri.edu](mailto:s525904m@mail.nwmissouri.edu) password: s525904