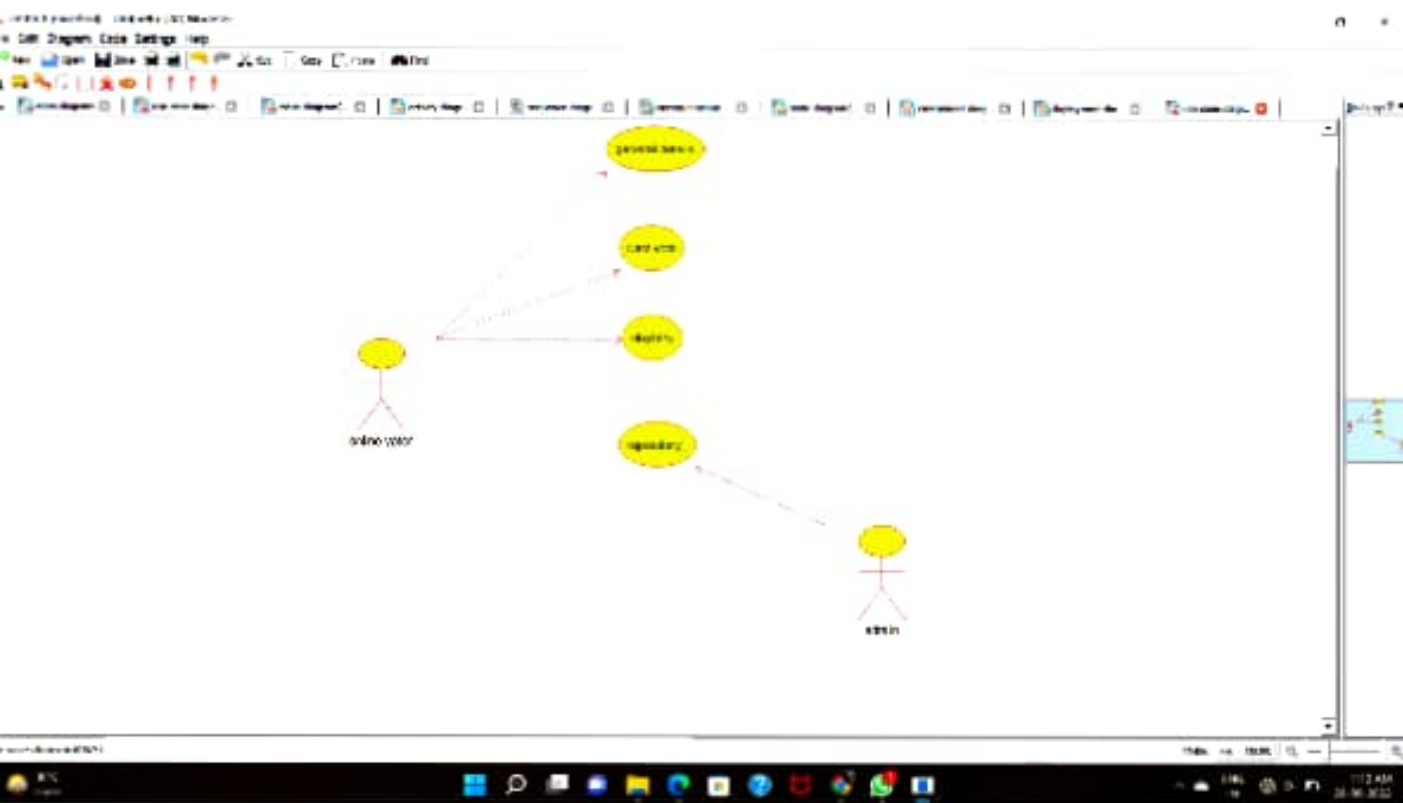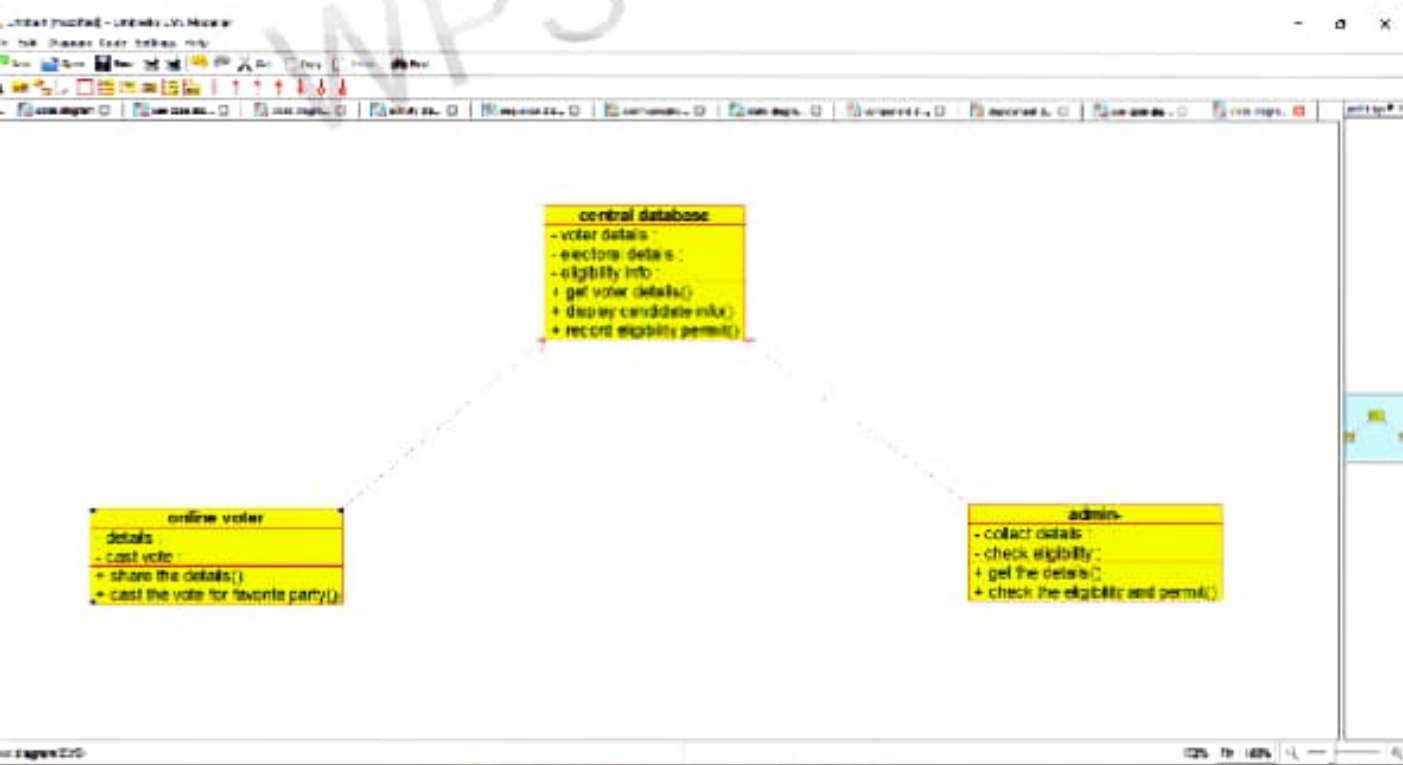# EX NO 25: ONLINE VOTING SYSTEM
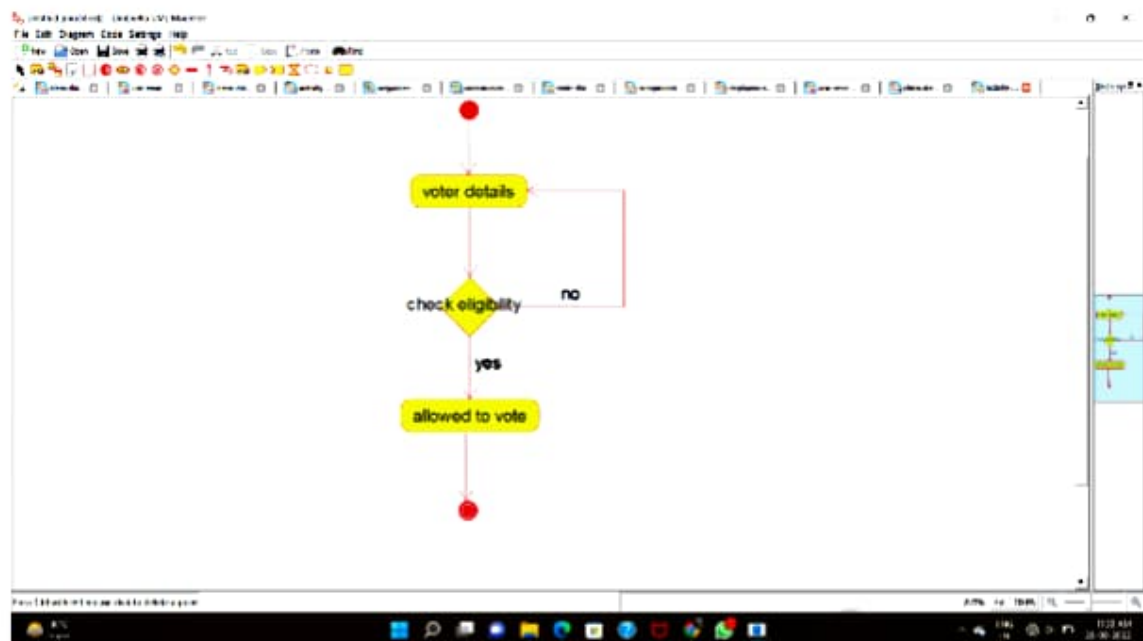
USECASE DIAGRAM:
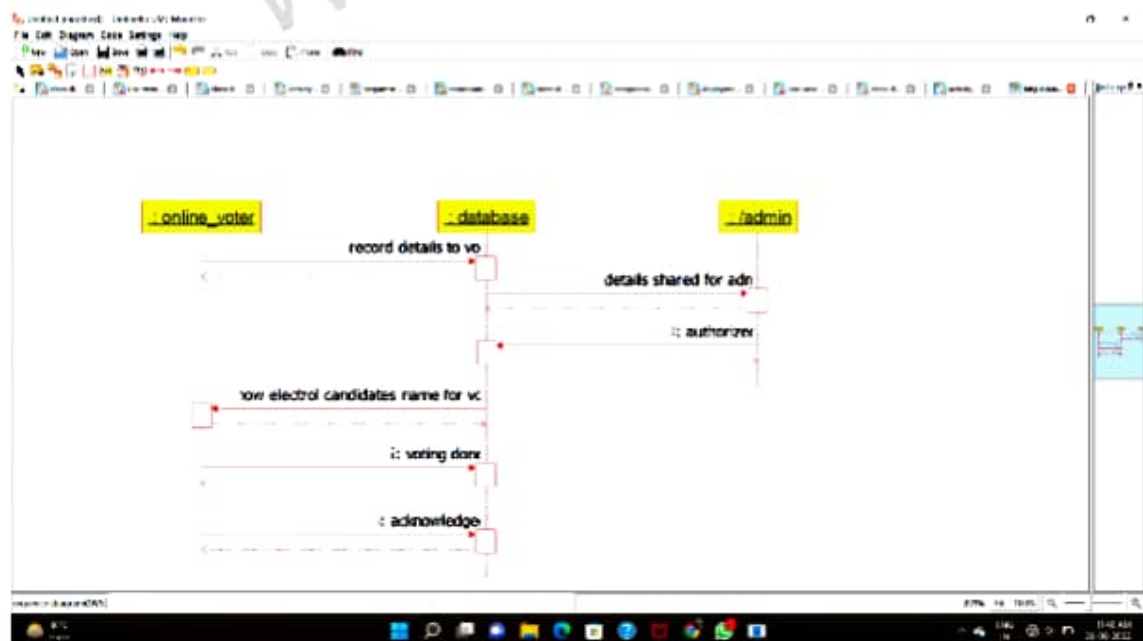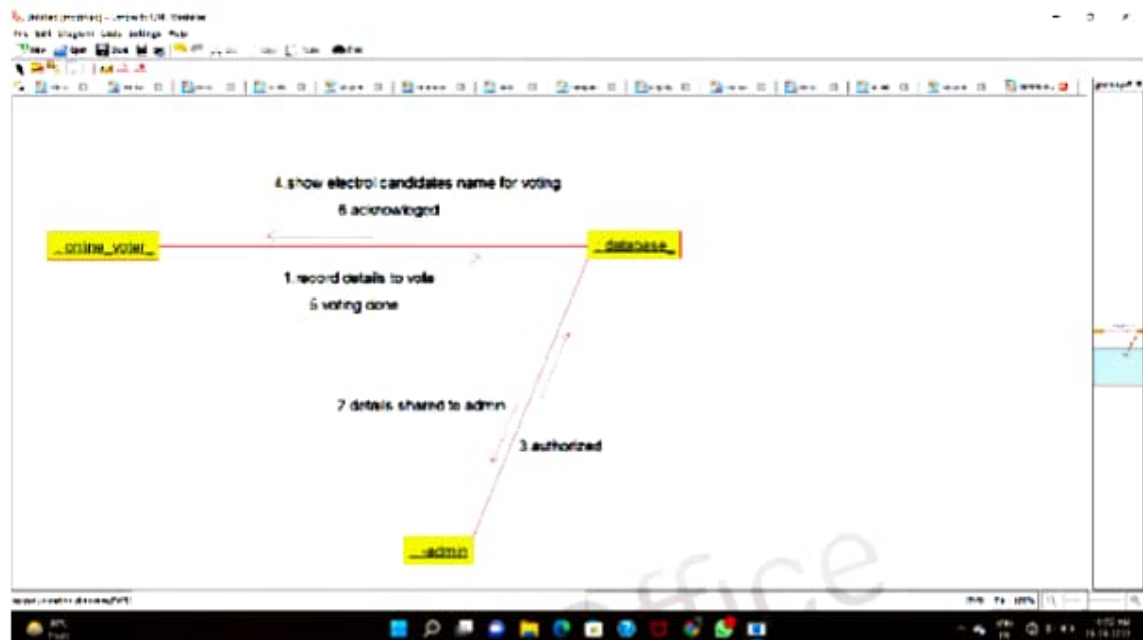

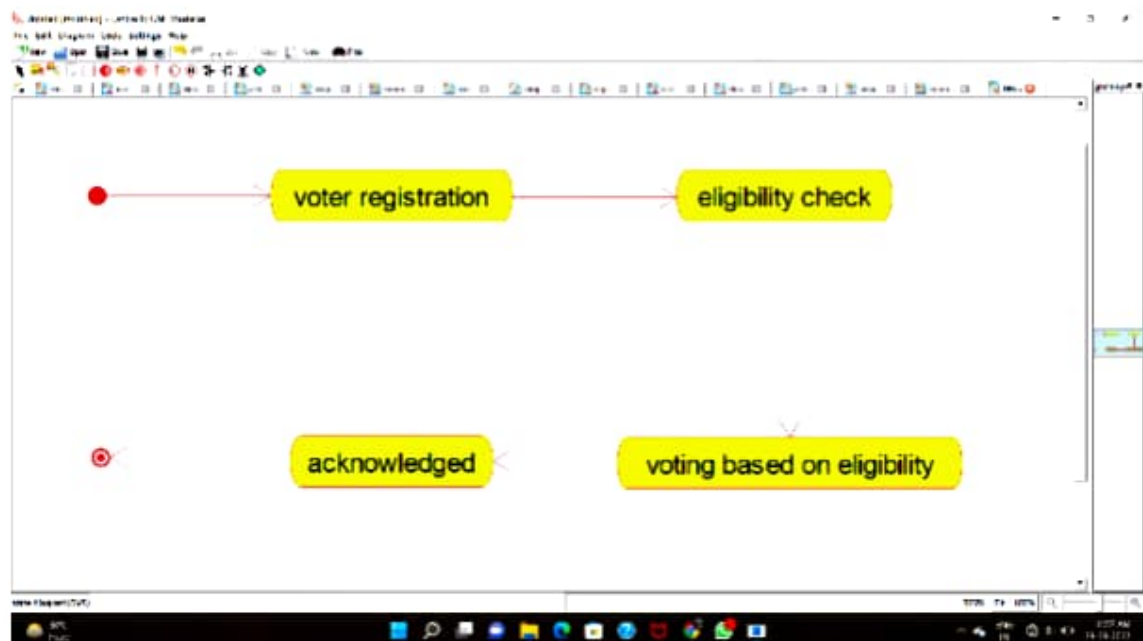## CLASS DIAGRAM:

ACTIVITY DIAGRAM:
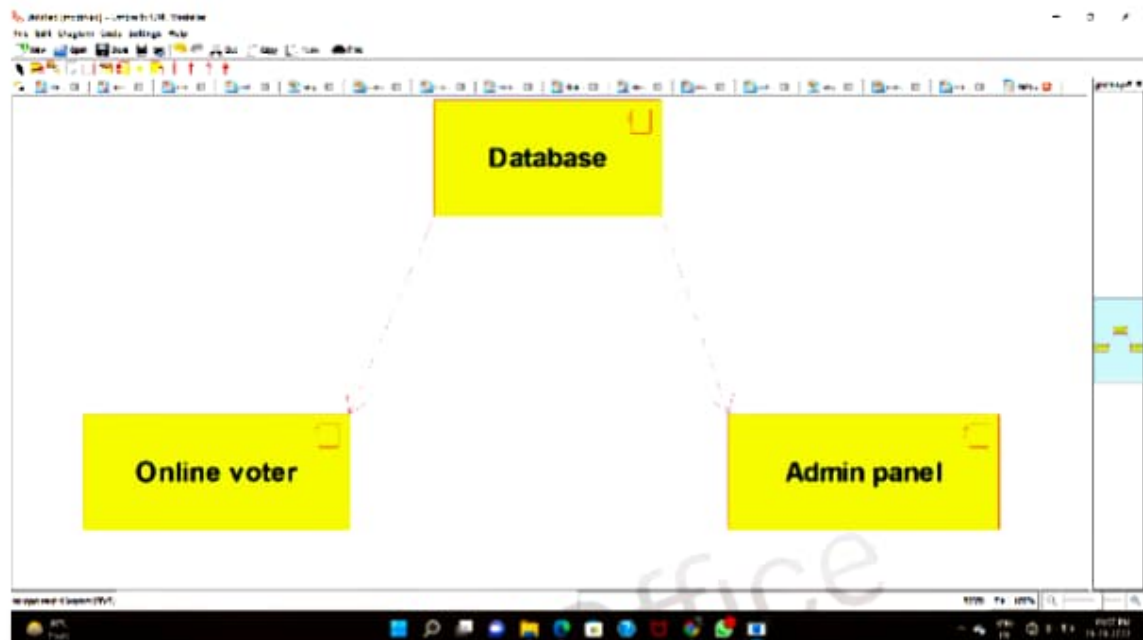

SEQUENCE DIAGRAM:

COLLABORATION DIAGRAM:

STATE-CHART DIAGRAM:

COMPONENT DIAGRAM:

DEPLOYMENT DIAGRAM:
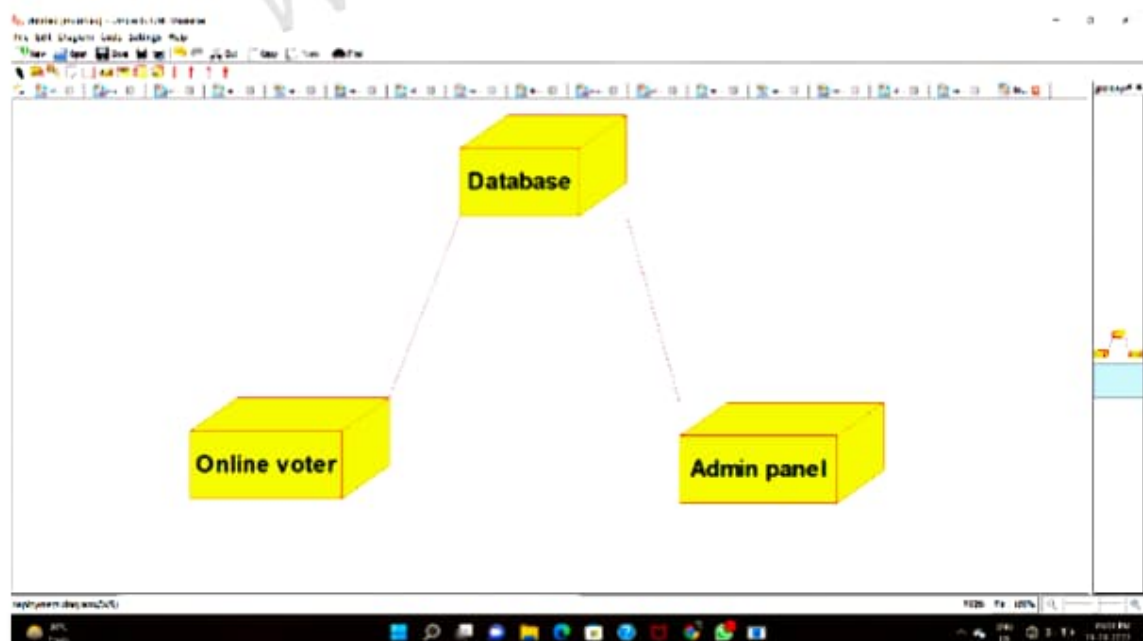
PROGRAM CODE:

CENTRAL DATABASE:

```
/**
 * Class central_database
 */
public class central_database {
  //
  // Fields
  //
  private void voter_details;
  private void electoral_details;
  private void eligibility_info;
  //
  // Constructors
  //
  public central_database () { };
  //
  // Methods
  //
  //
  // Accessor methods
  //
  /**
   * Set the value of voter_details
   * @param newVar the new value of voter_details
   */
  private void setVoter_details (void newVar) {
    voter_details = newVar;
  }
  /**
   * Get the value of voter_details
   * @return the value of voter_details
   */
  private void getVoter_details () {
    return voter_details;
  }
  /**
```

```java
 * Set the value of electoral_details
 * @param newVar the new value of electoral_details
 */
private void setElectoral_details (void newVar) {
 electoral_details = newVar;
}
/**
 * Get the value of electoral_details
 * @return the value of electoral_details
 */
private void getElectoral_details () {
 return electoral_details;
}
/**
 * Set the value of eligibility_info
 * @param newVar the new value of eligibility_info
 */
private void setEligibility_info (void newVar) {
 eligibility_info = newVar;
}
/**
 * Get the value of eligibility_info
 * @return the value of eligibility_info
 */
private void getEligibility_info () {
 return eligibility_info;
}
//
// Other methods
//
/**
 */
public void get_voter_details()
{
}
/**
 */
public void display_candidate_info()
{
```

```
}
/**
 */
public void record_eligibility_permit()
{
}
```

ONLINE VOTER:

```
/**
 * Class online_voter
 */
public class online_voter {
 //
 // Fields
 //
 private void details;
 private void cast_vote;
 //
 // Constructors
 //
 public online_voter () { };
 //
 // Methods
 //
 //
 // Accessor methods
 //
 /**
  * Set the value of details
  * @param newVar the new value of details
  */
 private void setDetails (void newVar) {
  details = newVar;
 }
 /**
  * Get the value of details
  * @return the value of details
  */
 private void getDetails () {
```

```
   return details;
 }
 /**
  * Set the value of cast_vote
  * @param newVar the new value of cast_vote
  */
 private void setCast_vote (void newVar) {
   cast_vote = newVar;
 }
 /**
  * Get the value of cast_vote
  * @return the value of cast_vote
  */
 private void getCast_vote () {
   return cast_vote;
 }
 //
 // Other methods
 //
 /**
  */
 public void share_the_details()
 {
 }
 /**
  */
 public void cast_the_vote_for_favorite_party()
 {
 }
}
```

ADMIN:

```
/**
 * Class admin_
 */
public class admin_ {
 //
 // Fields
 //
```

```java
private void collect_details;

private void check_eligibility;

//

// Constructors

//

public admin_ () { };

//

// Methods

//

//

// Accessor methods

//

/**

 * Set the value of collect_details

 * @param newVar the new value of collect_details

 */

private void setCollect_details (void newVar) {

  collect_details = newVar;

}

/**

 * Get the value of collect_details

 * @return the value of collect_details

 */

private void getCollect_details () {

  return collect_details;

}

/**

 * Set the value of check_eligibility

 * @param newVar the new value of check_eligibility

 */

private void setCheck_eligibility (void newVar) {

  check_eligibility = newVar;

}

/**

 * Get the value of check_eligibility

 * @return the value of check_eligibility

 */

private void getCheck_eligibility () {

  return check_eligibility;
```

```
}
//
// Other methods
//
/**
 */
public void get_the_details()
{
}
/**
 */
public void check_the_eligibility_and_permit()
{
}
}
```