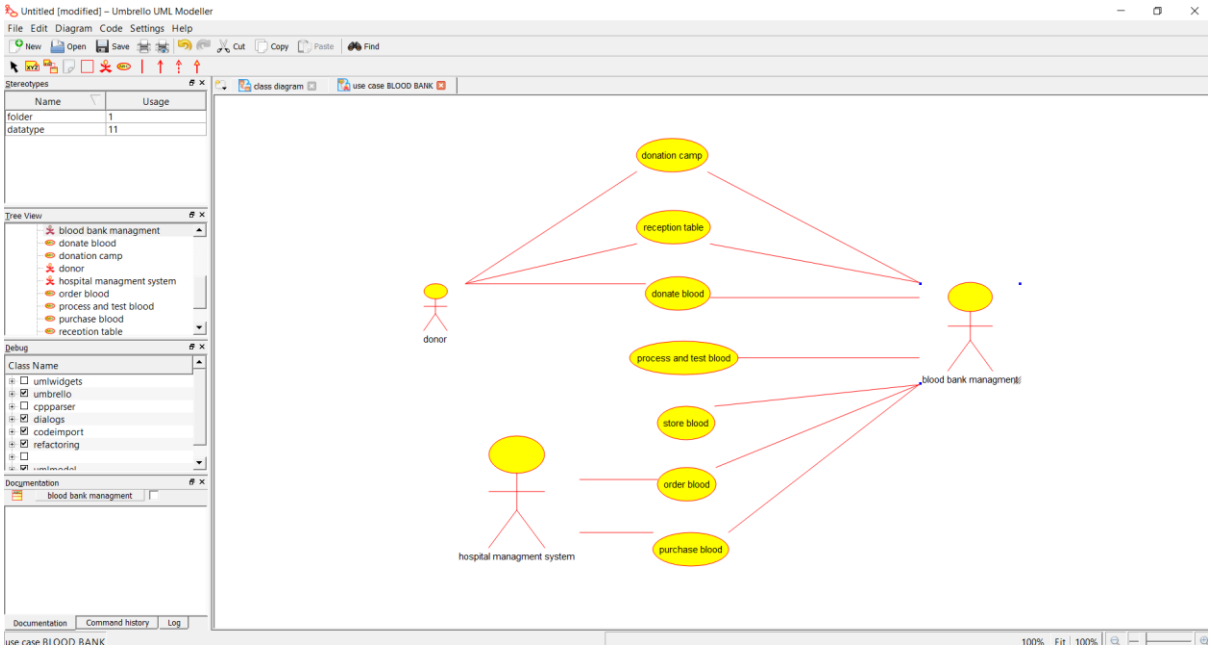
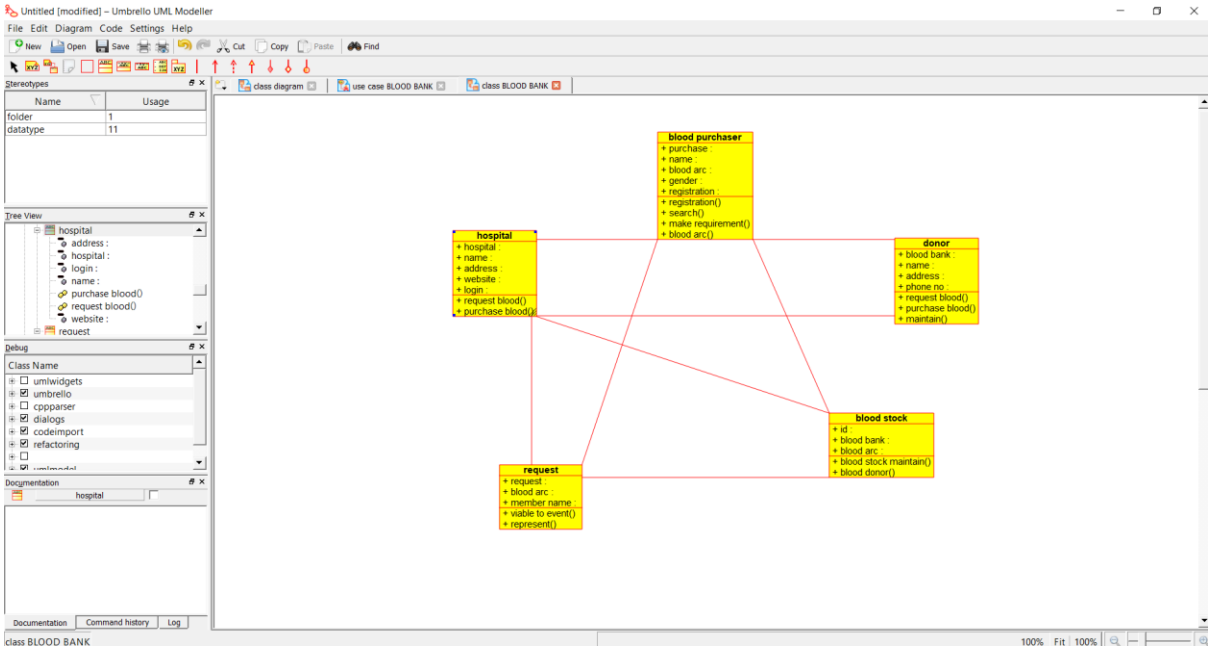
BLOOD BANK MANAGMENT



CLASS DIAGRAM FOR BLOOD BANK MANAGMENT




```java
import java.util.*;


/**
 * Class blood_purchaser
 */
public class blood_purchaser {

  //
```

```
// Fields
//

public void purchase;
public void name;
public void blood_arc;
public void gender;
public void registration;

//
// Constructors
//
public blood_purchaser () { };

//
// Methods
//


//
// Accessor methods
//

/**
 * Set the value of purchase
 * @param newVar the new value of purchase
 */
public void setPurchase (void newVar) {
  purchase = newVar;
}

/**
 * Get the value of purchase
 * @return the value of purchase
 */
public void getPurchase () {
  return purchase;
}

/**
 * Set the value of name
 * @param newVar the new value of name
 */
public void setName (void newVar) {
  name = newVar;
}

/**
 * Get the value of name
```

```
     * @return the value of name
     */
    public void getName () {
      return name;
    }

    /**
     * Set the value of blood_arc
     * @param newVar the new value of blood_arc
     */
    public void setBlood_arc (void newVar) {
      blood_arc = newVar;
    }

    /**
     * Get the value of blood_arc
     * @return the value of blood_arc
     */
    public void getBlood_arc () {
      return blood_arc;
    }

    /**
     * Set the value of gender
     * @param newVar the new value of gender
     */
    public void setGender (void newVar) {
      gender = newVar;
    }

    /**
     * Get the value of gender
     * @return the value of gender
     */
    public void getGender () {
      return gender;
    }

    /**
     * Set the value of registration
     * @param newVar the new value of registration
     */
    public void setRegistration (void newVar) {
      registration = newVar;
    }

    /**
     * Get the value of registration
```

```
   * @return the value of registration
   */
  public void getRegistration () {
    return registration;
  }

  //
  // Other methods
  //

  /**
   */
  public void registration()
  {
  }


  /**
   */
  public void search()
  {
  }


  /**
   */
  public void make_requirement()
  {
  }


  /**
   */
  public void blood_arc()
  {
  }


}
```

```
import java.util.*;


/**
 * Class blood_stock
```

```
 */
public class blood_stock {

  //
  // Fields
  //

  public void id;
  public void blood_bank;
  public void blood_arc;

  //
  // Constructors
  //
  public blood_stock () { };

  //
  // Methods
  //


  //
  // Accessor methods
  //

  /**
   * Set the value of id
   * @param newVar the new value of id
   */
  public void setId (void newVar) {
    id = newVar;
  }

  /**
   * Get the value of id
   * @return the value of id
   */
  public void getId () {
    return id;
  }

  /**
   * Set the value of blood_bank
   * @param newVar the new value of blood_bank
   */
  public void setBlood_bank (void newVar) {
    blood_bank = newVar;
  }
```

```
  /**
   * Get the value of blood_bank
   * @return the value of blood_bank
   */
  public void getBlood_bank () {
    return blood_bank;
  }

  /**
   * Set the value of blood_arc
   * @param newVar the new value of blood_arc
   */
  public void setBlood_arc (void newVar) {
    blood_arc = newVar;
  }

  /**
   * Get the value of blood_arc
   * @return the value of blood_arc
   */
  public void getBlood_arc () {
    return blood_arc;
  }

  //
  // Other methods
  //

  /**
   */
  public void blood_stock_maintain()
  {
  }


  /**
   */
  public void blood_donor()
  {
  }


}
```

```
import java.util.*;
```

```java
/**
 * Class donor
 */
public class donor {

  //
  // Fields
  //

  public void blood_bank;
  public void name;
  public void address;
  public void phone_no;

  //
  // Constructors
  //
  public donor () { };

  //
  // Methods
  //


  //
  // Accessor methods
  //

  /**
   * Set the value of blood_bank
   * @param newVar the new value of blood_bank
   */
  public void setBlood_bank (void newVar) {
    blood_bank = newVar;
  }

  /**
   * Get the value of blood_bank
   * @return the value of blood_bank
   */
  public void getBlood_bank () {
    return blood_bank;
  }

  /**
   * Set the value of name
   * @param newVar the new value of name
   */
  public void setName (void newVar) {
```

```
    name = newVar;
  }

  /**
   * Get the value of name
   * @return the value of name
   */
  public void getName () {
    return name;
  }

  /**
   * Set the value of address
   * @param newVar the new value of address
   */
  public void setAddress (void newVar) {
    address = newVar;
  }

  /**
   * Get the value of address
   * @return the value of address
   */
  public void getAddress () {
    return address;
  }

  /**
   * Set the value of phone_no
   * @param newVar the new value of phone_no
   */
  public void setPhone_no (void newVar) {
    phone_no = newVar;
  }

  /**
   * Get the value of phone_no
   * @return the value of phone_no
   */
  public void getPhone_no () {
    return phone_no;
  }

  //
  // Other methods
  //

  /**
```

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


  /**
   */
  public void purchase_blood()
  {
  }


  /**
   */
  public void maintain()
  {
  }


}
```

```
import java.util.*;


/**
 * Class hospital
 */
public class hospital {

  //
  // Fields
  //

  public void hospital;
  public void name;
  public void address;
  public void website;
  public void login;

  //
  // Constructors
  //
  public hospital () { };

  //
```

```
// Methods
//


//
// Accessor methods
//

/**
 * Set the value of hospital
 * @param newVar the new value of hospital
 */
public void setHospital (void newVar) {
  hospital = newVar;
}

/**
 * Get the value of hospital
 * @return the value of hospital
 */
public void getHospital () {
  return hospital;
}

/**
 * Set the value of name
 * @param newVar the new value of name
 */
public void setName (void newVar) {
  name = newVar;
}

/**
 * Get the value of name
 * @return the value of name
 */
public void getName () {
  return name;
}

/**
 * Set the value of address
 * @param newVar the new value of address
 */
public void setAddress (void newVar) {
  address = newVar;
}

/**
```

```
 * Get the value of address
 * @return the value of address
 */
public void getAddress () {
  return address;
}

/**
 * Set the value of website
 * @param newVar the new value of website
 */
public void setWebsite (void newVar) {
  website = newVar;
}

/**
 * Get the value of website
 * @return the value of website
 */
public void getWebsite () {
  return website;
}

/**
 * Set the value of login
 * @param newVar the new value of login
 */
public void setLogin (void newVar) {
  login = newVar;
}

/**
 * Get the value of login
 * @return the value of login
 */
public void getLogin () {
  return login;
}

//
// Other methods
//

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

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


}
```

```
import java.util.*;


/**
 * Class request
 */
public class request {

  //
  // Fields
  //

  public void request;
  public void blood_arc;
  public void member_name;

  //
  // Constructors
  //
  public request () { };

  //
  // Methods
  //


  //
  // Accessor methods
  //

  /**
   * Set the value of request
   * @param newVar the new value of request
   */
```

```
public void setRequest (void newVar) {
  request = newVar;
}

/**
 * Get the value of request
 * @return the value of request
 */
public void getRequest () {
  return request;
}

/**
 * Set the value of blood_arc
 * @param newVar the new value of blood_arc
 */
public void setBlood_arc (void newVar) {
  blood_arc = newVar;
}

/**
 * Get the value of blood_arc
 * @return the value of blood_arc
 */
public void getBlood_arc () {
  return blood_arc;
}

/**
 * Set the value of member_name
 * @param newVar the new value of member_name
 */
public void setMember_name (void newVar) {
  member_name = newVar;
}

/**
 * Get the value of member_name
 * @return the value of member_name
 */
public void getMember_name () {
  return member_name;
}

//
// Other methods
//
```

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


  /**
   *
   *
   */
  public void represent()
  {
  }


}
```