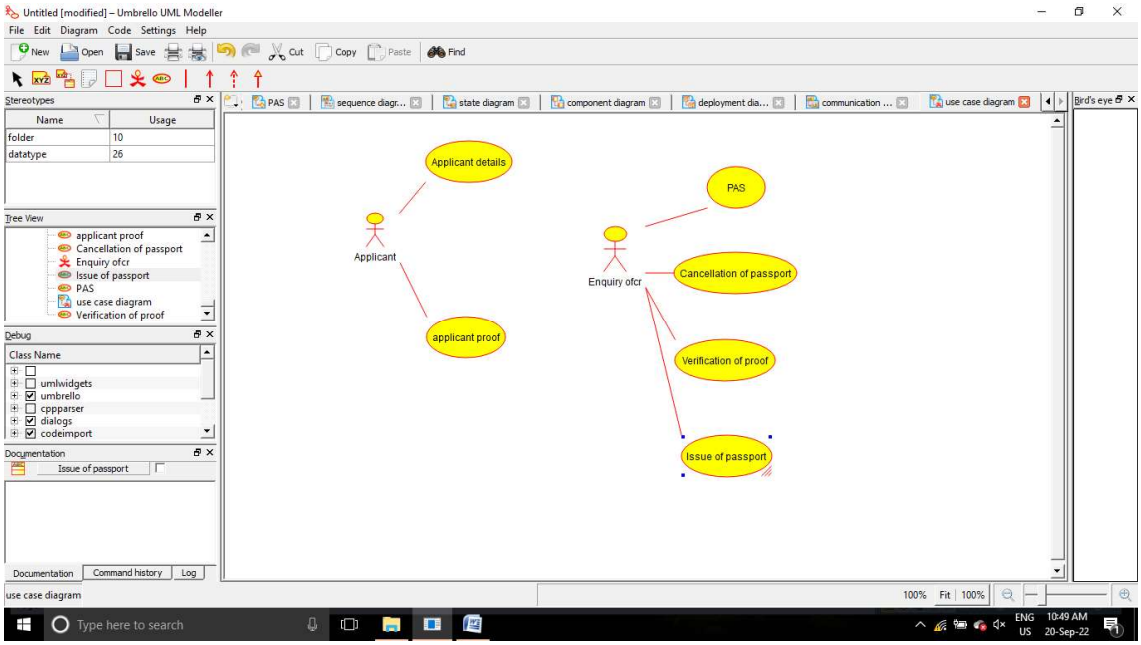
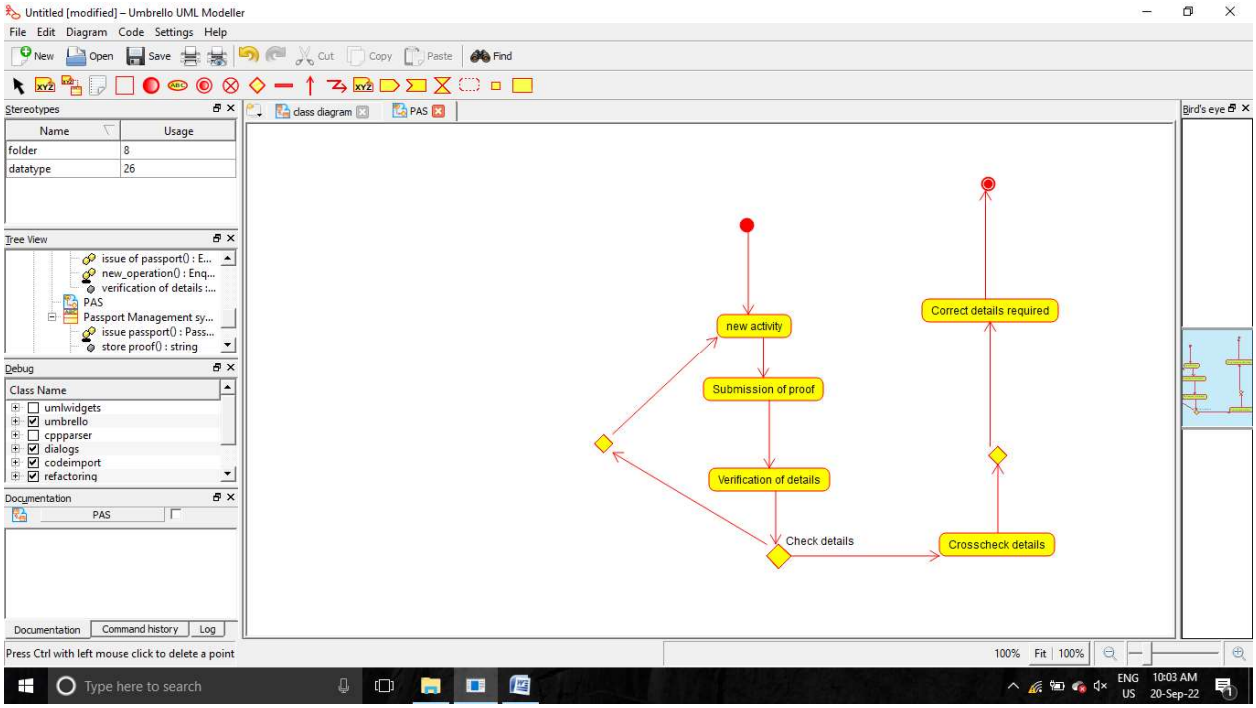
CSA1143 – Object Oriented Analysis and Design

Name: Jaya Surya S

Register No: 192011329




Untitled [modified] – Umbrello UML Modeller
File Edit Diagram Code Settings Help
New Open Save Cut Copy Paste Find
Stereotypes
Name Usage
folder 8
datatype 26
Tree View
issue of passport() : E...
new_operation() : Enq...
verification of details :...
PAS
Passport Management sy...
issue passport() : Pass...
store proof() : string
Debug
Class Name
umlwidgets
umbrello
cppparser
dialogs
codeimport
refactoring
Documentation
PAS
Documentation Command history Log
Press Ctrl with left mouse click to delete a point
class diagram
PAS
Bird's eye
new activity
Submission of proof
Verification of details
Check details
Correct details required
Crosscheck details
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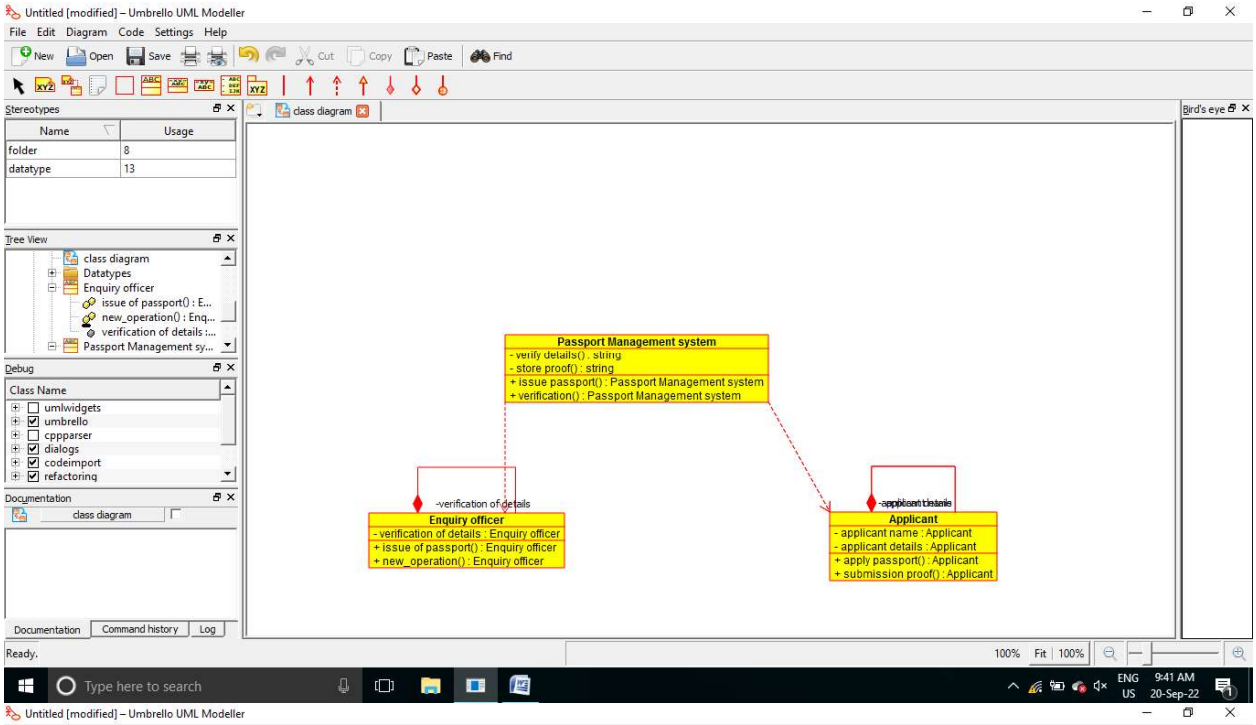
Untitled [modified] – Umbrello UML Modeller
File Edit Diagram Code Settings Help
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Stereotypes
Name Usage
folder 8
datatype 13
Tree View
class diagram
Datatypes
Enquiry officer
issue of passport() : E...
new_operation() : Enq...
verification of details :...
Passport Management sy...
Debug
Class Name
umlwidgets
umbrello
cppparser
dialogs
codeimport
refactoring
Documentation
class diagram
Documentation Command history Log
Ready.
Passport Management system
- verify details() : string
- store proof() : string
+ issue passport() : Passport Management system
+ verification() : Passport Management system
-verification of details
Enquiry officer
- verification of details : Enquiry officer
+ issue of passport() : Enquiry officer
+ new_operation() : Enquiry officer
Applicant
- applicant name : Applicant
- applicant details : Applicant
+ apply passport() : Applicant
+ submission proof() : Applicant
100% Fit 100%
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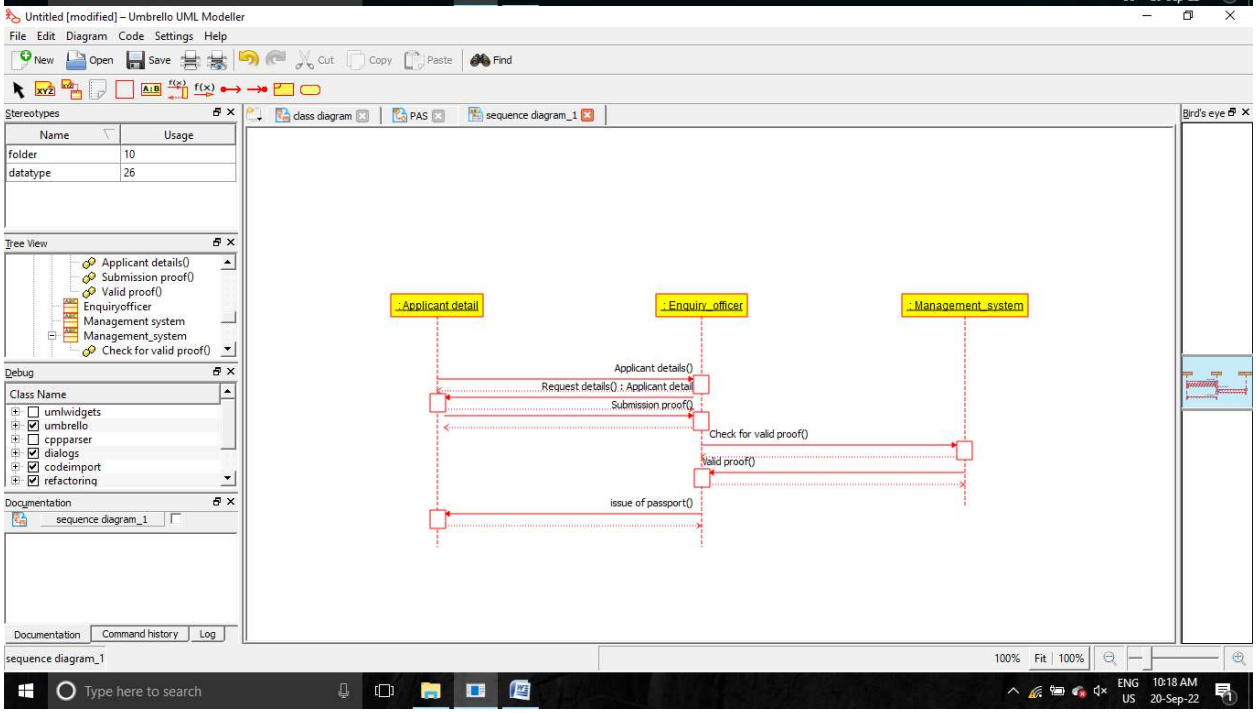
Untitled [modified] – Umbrello UML Modeller
File Edit Diagram Code Settings Help
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Stereotypes
Name Usage
folder 10
datatype 26
Tree View
Applicant details()
Submission proof()
Valid proof()
Enquiryofficer
Management system
Management_system
Check for valid proof()
Debug
Class Name
umlwidgets
umbrello
cppparser
dialogs
codeimport
refactoring
Documentation
sequence diagram_1
Documentation Command history Log
sequence diagram_1
class diagram
PAS
sequence diagram_1
:Applicant detail
:Enquiry_officer
:Management_system
Applicant details()
Request details() : Applicant detail
Submission proof()
Check for valid proof()
Valid proof()
issue of passport()
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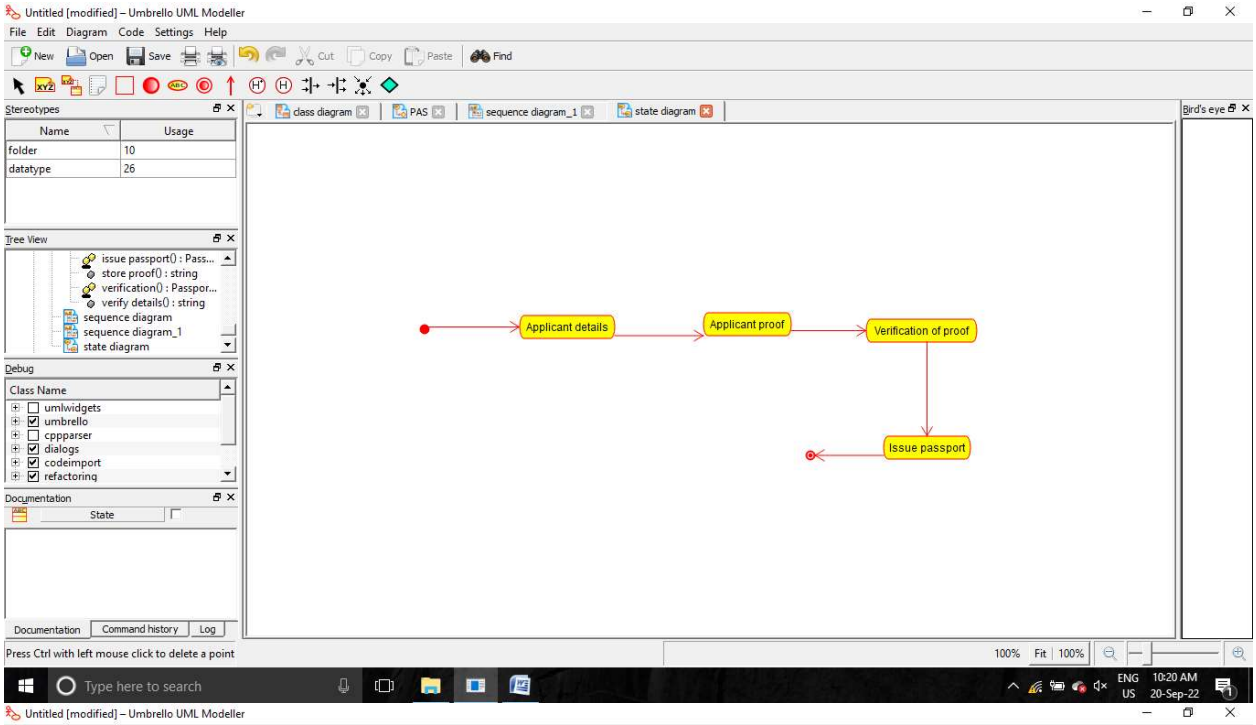
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Stereotypes
Name Usage
folder 10
datatype 26
Tree View
issue passport() : Pass...
store proof() : string
verification() : Passpor...
verify details() : string
sequence diagram
sequence diagram_1
state diagram
Debug
Class Name
umlwidgets
umbrello
cppparser
dialogs
codeimport
refactoring
Documentation
State
Documentation Command history Log
class diagram
PAS
sequence diagram_1
state diagram
Bird's eye
Applicant details
Applicant proof
Verification of proof
Issue passport
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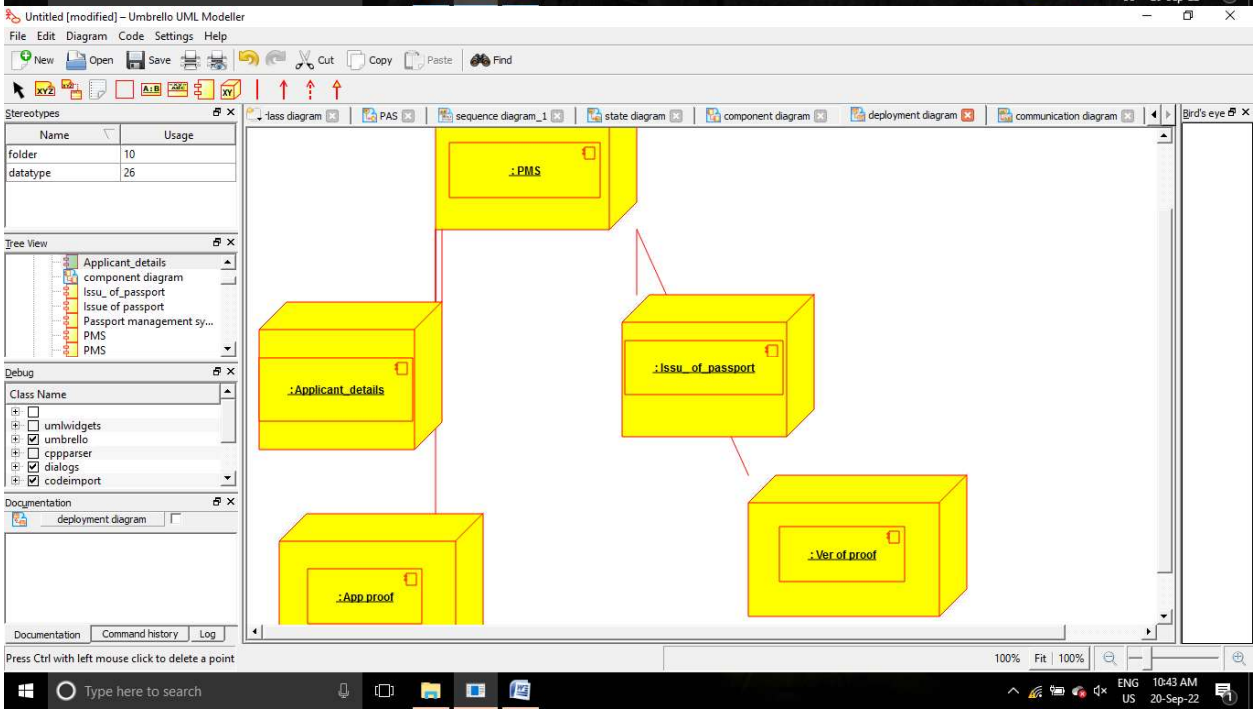
Untitled [modified] – Umbrello UML Modeller
File Edit Diagram Code Settings Help
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Stereotypes
Name Usage
folder 10
datatype 26
Tree View
Applicant_details
component diagram
Issu_ of_passport
Issue of passport
Passport management sy...
PMS
PMS
Debug
Class Name
umlwidgets
umbrello
cppparser
dialogs
codeimport
Documentation
deployment diagram
Documentation Command history Log
class diagram
PAS
sequence diagram_1
state diagram
component diagram
deployment diagram
communication diagram
Bird's eye
: PMS
: Applicant_details
: Issu_ of_passport
: App proof
: Ver of proof
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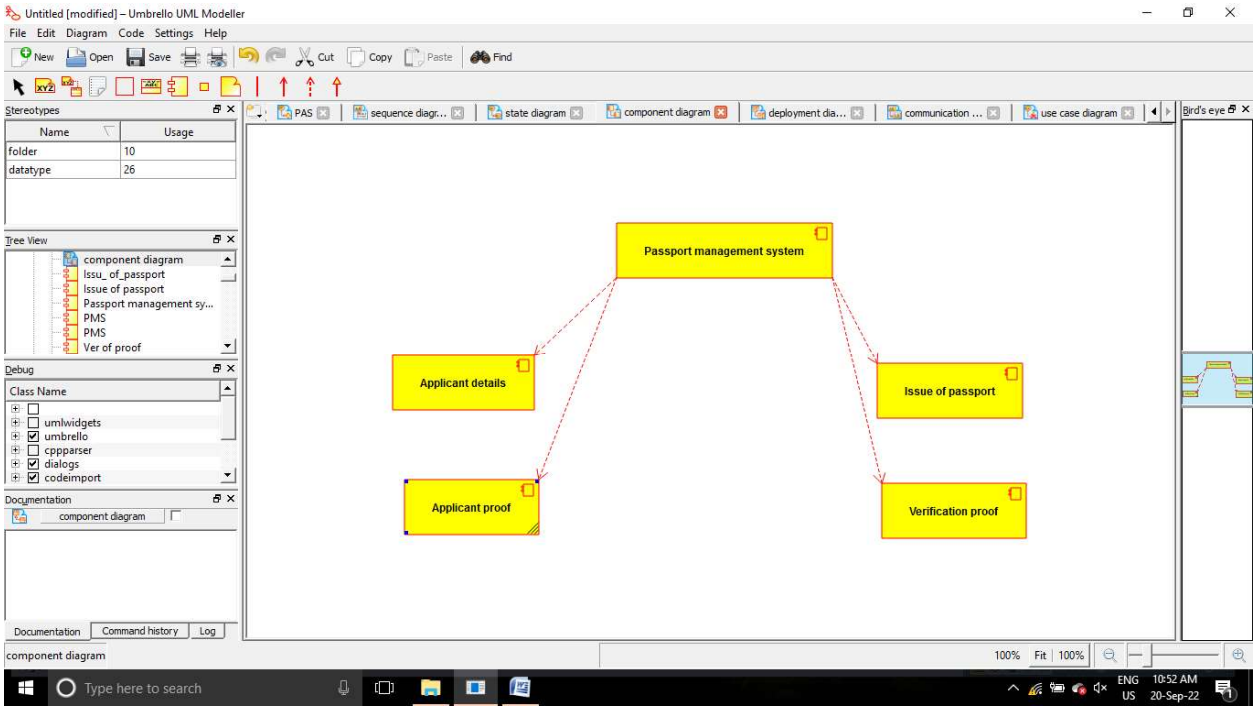
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File Edit Diagram Code Settings Help
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Stereotypes
Name Usage
folder 10
datatype 26
Tree View
component diagram
Issu_ of_passport
Issue of passport
Passport management sy...
PMS
PMS
Ver of proof
Debug
Class Name
umlwidgets
umbrello
cppparser
dialogs
codeimport
Documentation
component diagram
Documentation Command history Log
component diagram
PAS sequence diagr... state diagram component diagram deployment dia... communication ... use case diagram
Bird's eye
Passport management system
Applicant details
Issue of passport
Applicant proof
Verification proof
100% Fit 100%
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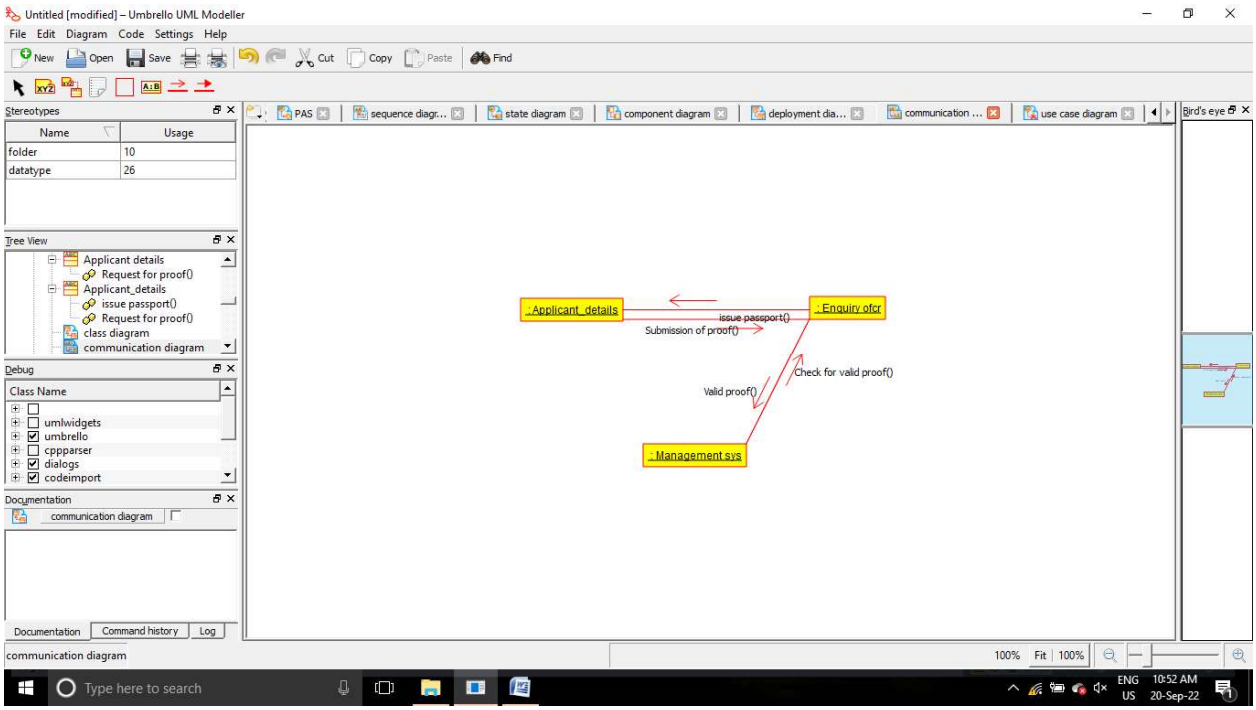
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File Edit Diagram Code Settings Help
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Stereotypes
Name Usage
folder 10
datatype 26
Tree View
Applicant details
Request for proof()
Applicant_details
issue passport()
Request for proof()
class diagram
communication diagram
Debug
Class Name
umlwidgets
umbrello
cppparser
dialogs
codeimport
Documentation
communication diagram
Documentation Command history Log
communication diagram
PAS sequence diagr... state diagram component diagram deployment dia... communication ... use case diagram
Bird's eye
: Applicant_details
: Enquiry ofcr
issue passport()
Submission of proof()
Check for valid proof()
Valid proof()
: Management sys
100% Fit 100%
Type here to search
ENG US 10:52 AM 20-Sep-22

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

  //
  // Fields
  //

  private Applicant applicant_name;
  private Applicant applicant_details;

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

  //
  // Methods
  //


  //
  // Accessor methods
  //

  /**
   * Set the value of applicant_name
   * @param newVar the new value of applicant_name
   */
  private void setApplicant_name (Applicant newVar) {
    applicant_name = newVar;
  }

  /**
   * Get the value of applicant_name
   * @return the value of applicant_name
   */
  private Applicant getApplicant_name () {
    return applicant_name;
  }

  /**
   * Set the value of applicant_details
   * @param newVar the new value of applicant_details
   */
  private void setApplicant_details (Applicant newVar) {
```

```
    applicant_details = newVar;
  }

  /**
   * Get the value of applicant_details
   * @return the value of applicant_details
   */
  private Applicant getApplicant_details () {
    return applicant_details;
  }

  //
  // Other methods
  //

  /**
   * @return       Applicant
   */
  public Applicant apply_passport()
  {
  }


  /**
   * @return       Applicant
   */
  public Applicant submission_proof()
  {
  }


}



/**
 * Class Enquiry_officer
 */
public class Enquiry_officer {

  //
  // Fields
  //

  private Enquiry officer verification_of_details;

  //
  // Constructors
  //
```

```
  public Enquiry_officer () { };

  //
  // Methods
  //


  //
  // Accessor methods
  //

  /**
   * Set the value of verification_of_details
   * @param newVar the new value of verification_of_details
   */
  private void setVerification_of_details (Enquiry officer newVar) {
    verification_of_details = newVar;
  }

  /**
   * Get the value of verification_of_details
   * @return the value of verification_of_details
   */
  private Enquiry officer getVerification_of_details () {
    return verification_of_details;
  }

  //
  // Other methods
  //

  /**
   * @return       Enquiry officer
   */
  public Enquiry officer issue_of_passport()
  {
  }


  /**
   * @return       Enquiry officer
   */
  public Enquiry officer new_operation()
  {
  }


}
```

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

  //
  // Fields
  //

  private String verify_details_;
  private String store_proof_;

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

  //
  // Methods
  //


  //
  // Accessor methods
  //

  /**
   * Set the value of verify_details_
   * @param newVar the new value of verify_details_
   */
  private void setVerify_details_ (String newVar) {
    verify_details_ = newVar;
  }

  /**
   * Get the value of verify_details_
   * @return the value of verify_details_
   */
  private String getVerify_details_ () {
    return verify_details_;
  }

  /**
   * Set the value of store_proof_
   * @param newVar the new value of store_proof_
   */
  private void setStore_proof_ (String newVar) {
```

```
    store_proof_ = newVar;
  }

  /**
   * Get the value of store_proof_
   * @return the value of store_proof_
   */
  private String getStore_proof_ () {
    return store_proof_;
  }

  //
  // Other methods
  //

  /**
   * @return       Passport Management system
   */
  public Passport Management system issue_passport()
  {
  }


  /**
   * @return       Passport Management system
   */
  public Passport Management system verification()
  {
  }


}
```