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| StudentController |
| Button saveRedactionStudent;  Button deleteExams;  Button canselExams;  Button addExams;  TextArea addressStudent;  Button backListStudent;  DatePicker dateBirthStudent;  TableColumn<Exams, LocalDate> dateDebets;  TableColumn<Exams, LocalDate> dateExams;  Tab debetsStudentPane;  TableView<Exams> debetsTable;  TableColumn<Exams, String> disciplineDebets;  TableColumn<Exams, String> disciplineExsams;  Tab examsAndTestPane;  TableView<Exams> examsTable;  ComboBox<String> genderStudent;  TableColumn<Exams, String> gradeDebets;  TableColumn<Exams, String> gradeExams;  TextField groupStudent;  TextField idStudent;  TextField instituteStudent;  TextField lastnameStudent;  TextField nameStudent;  Button redactionExsams;  Button redactionStudent;  Button saveExams;  Button saveStudent;  Button saveStudent3;  TextField specialityStudent;  TextField surenameStudent;  abPane tabPaneStudent;  TableColumn<Exams, String> teacherDebets;  TableColumn<Exams, String> teacherExams;  TableColumn<Exams, String> typeControlDebets; |
| void switchScene(String fxml);  void populateFields(Student student);  void setFieldsEditable(boolean editable);  boolean validateExams(ObservableList<Exams> exams);  boolean validateStudent();  void showAlert(String title, String message);  void saveAll(); |

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| Student |
| String lastname;  String name;  String surename;  String group;  String institute;  LocalDate dateBirth;  String gender;  String address;  String speciality;  String id;  List<Exams> examsList; |

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| ListStudentController |
| Button findStudent;  Button canselStudent;  TextField searchFieldStudent;  ResourceBundle resources;  URL location;  Button addListS;  Button deleteListS;  Button filterListS;  TableColumn<Student, String> groupListS;  TableColumn<Student, String> instituteListS;  TableColumn<Student, String> lastnameListS;  Hyperlink linkListS;  TableColumn<Student, String> nameListS;Button saveListS;TableColumn<Student, String> surenameListS;  TableView<Student> tableListS; |
| void viewStudent(Student student, String param);  void switchScene(String fxml, String param);  void switchScene(String fxml; |

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| Exams |
| String discipline;  String typeControl;  LocalDate date;  String grade;  String teacher;  boolean editable; |
| boolean equals(Object o); |

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| RegistrationController |
| ResourceBundle resources;  URL location;  TextField lastNameReg;  Hyperlink linkReg;  TextField loginReg;  TextField nameReg;  PasswordField passwordReg;  PasswordField passwordRepeatReg;  Button registrationReg; |
| void switchScene(String fxml);  void showAlert(String title, String message);  boolean validateInput(); |

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| Client |
| String SERVER\_HOST;  int SERVER\_PORT; |
| Object sendRequest(String requestType, Object OBJ); |

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| Server |
| static final int PORT;  ServerSocket serverSocket;  volatile boolean running; |
| void main();  void startServer();  void stopServer();  void run();  boolean registerAccount(Account account);  boolean validateLogin(Account account);  boolean saveStudent(Student student);  boolean delStudent(Student student);  boolean updateStudent(Student updatedStudent);  List<Student> getStudentData();  List<Account> loadAccountFromFile(String filename);  List<Student> loadStudentsFromFile(String filename);  void saveAccountsToFile(String filePath, List<Account> accounts);  void saveStudentsToFile(String filePath, List<Student> students); |

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| Main |
| Server server; |
| void start(Stage stage);  static void main(String[] args); |

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| EnterController |
| ResourceBundle resources;  URL location;  Button enterButtonEnter;  Hyperlink linkEnter;  TextField loginEnter;  PasswordField passwordEnter; |
| void switchScene(String fxml);  boolean testEnter();  void showAlert(String title, String message); |

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| Autorisation |
| String login;  String password;  String lastName;  String name; |
| Object registration();  Object autorisation(); |