

Private:

string ID

string password

string fName

string IName string room

string phone num

vector<Student> advisees

Public:

Advisor(string ID, string pw, string fname, string lname, string room, string phone, vector<Student> ad)

string GetID()

string GetPassword()

string GetFirstName()

string GetLastName()

string GetRoom()
string GetPhoneNum()

string GetAdvisees()

bool SearchStudent(string StudentID)

void printMenu()

void printAdviseeList()

void search()

void printNotesMenu()

void showNotes()

void addNote()

void addAdvišee()

void removeAdvišee()

void moveAdvisees()

void searchNonAdvisee(vector<Student> allStudents)

void printAdvisorList(vector<Advisor> allAdvisors)

void showMajorDetails()

Student

Private:

string lastName string major; int TotalHours double GPA;

string ID

string password string Notes

Public:

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Student(string a, string p, string b, string c, int d, double e, string f, string g) string GetID()
 string GetPassword()
 string GetFirstName()
 string GetLastName()
 string GetMajor()
 string GetTotalHours()
 string GetGPA()
 string GetNotès()
 void menu()
 void view()
 void updaté()
 void ChangeMajor(string f)
 void ChangeGPA(double g)
 void changeTotalHours(int k)
 void SetNote(string Note)
```

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FileIO
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Private:

string filename vector <string> dataVector

Public: FileIO(string File) void readFile() void writeFile(vector <string> data) void printData() vector <string> returnData()