FileHandler

+STUDENT_FILE: String = "students.txt" {readOnly}
+SUBJECT_FILE: String = "subjects.txt" {readOnly}
+COURSE_FILE: String = "courses.txt" {readOnly}
+REG_FILE: String = "registrations.txt" {readOnly}

+loadStudents(String fileName): List<Student>
+loadSubjects(String fileName): List<Subject>

+loadCourseSections(String fileName):
List<CourseSection>
+loadRegistrations(String fileName):
List<Registration>
+saveDataToFile(List<? extends FileSerializable> list,
String fileName): void

-studentManager: StudentManager;
-subjectManager: SubjectManager;
-courseManager: CourseManager;
-registrationManager: RegistrationManager;
-fileHandler: FileHandler;

CourseRegistrationSystem

+main(String[] args): void
+run(): void
-handleSaveData(): void
-handleStudentManagement(): void
-handleRegisterForStudent(): void
-handleSubjectManager(): void
-handleRegistrationManager(): void

-sc: Scanner
+getString(String inputMsg_String

Validator

+getString(String inputMsg, String
errorMsg): String
+getAnInteger(String inputMsg, String
errorMsg, int lowerBound, int upperBound):
int

+getDoubleInRange(String prompt, double min, double max): double

+showMenu(): void +showStudentManagementMenu(): void +showSubjectManagementMenu(): void +showCourseManagementMenu(): void

Menu

