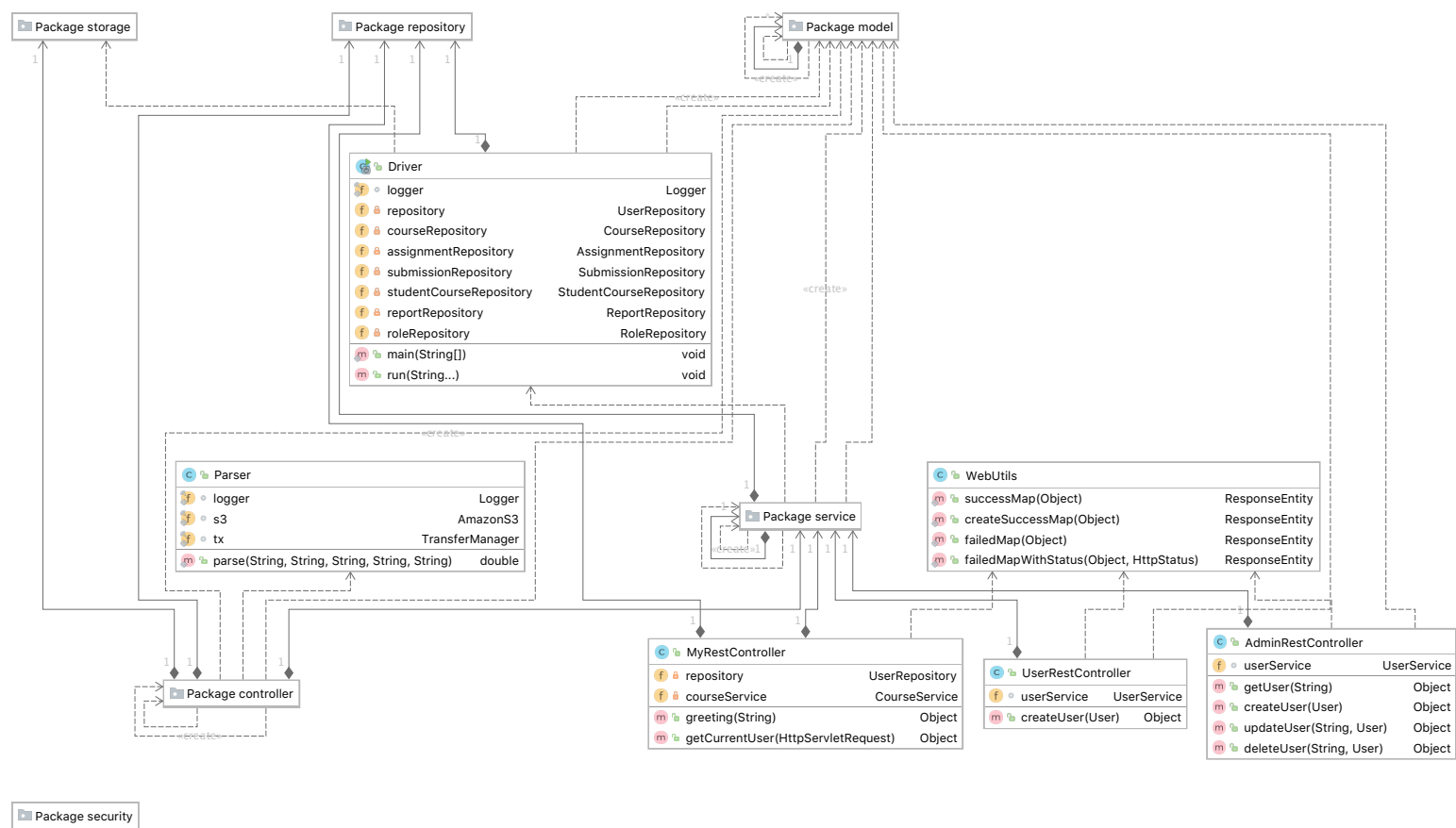






























All Packages UML

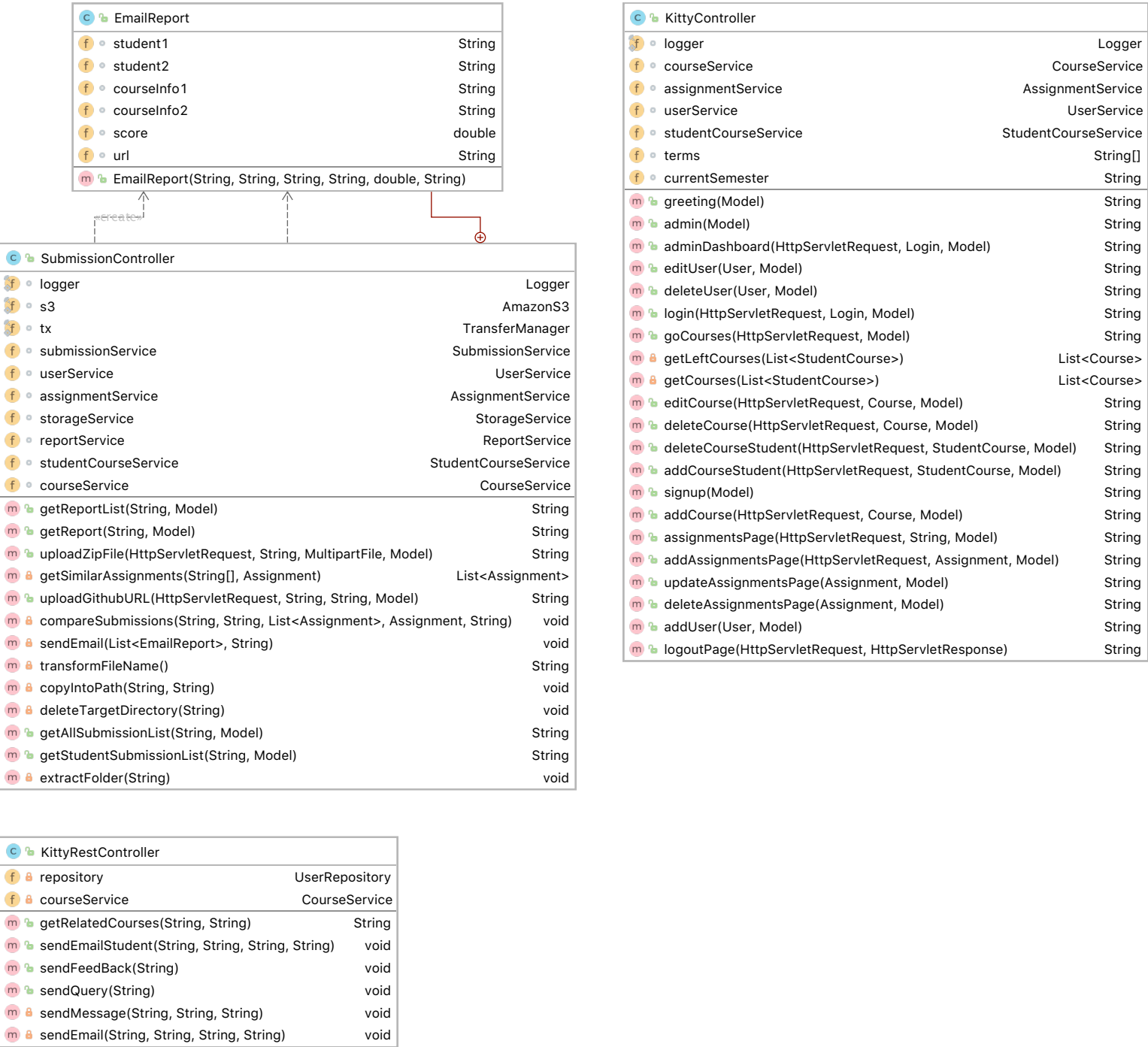


  AdminRestController	
  userService	UserService
  getUser(String)	Object
  createUser(User)	Object
  updateUser(String, User)	Object
  deleteUser(String, User)	Object

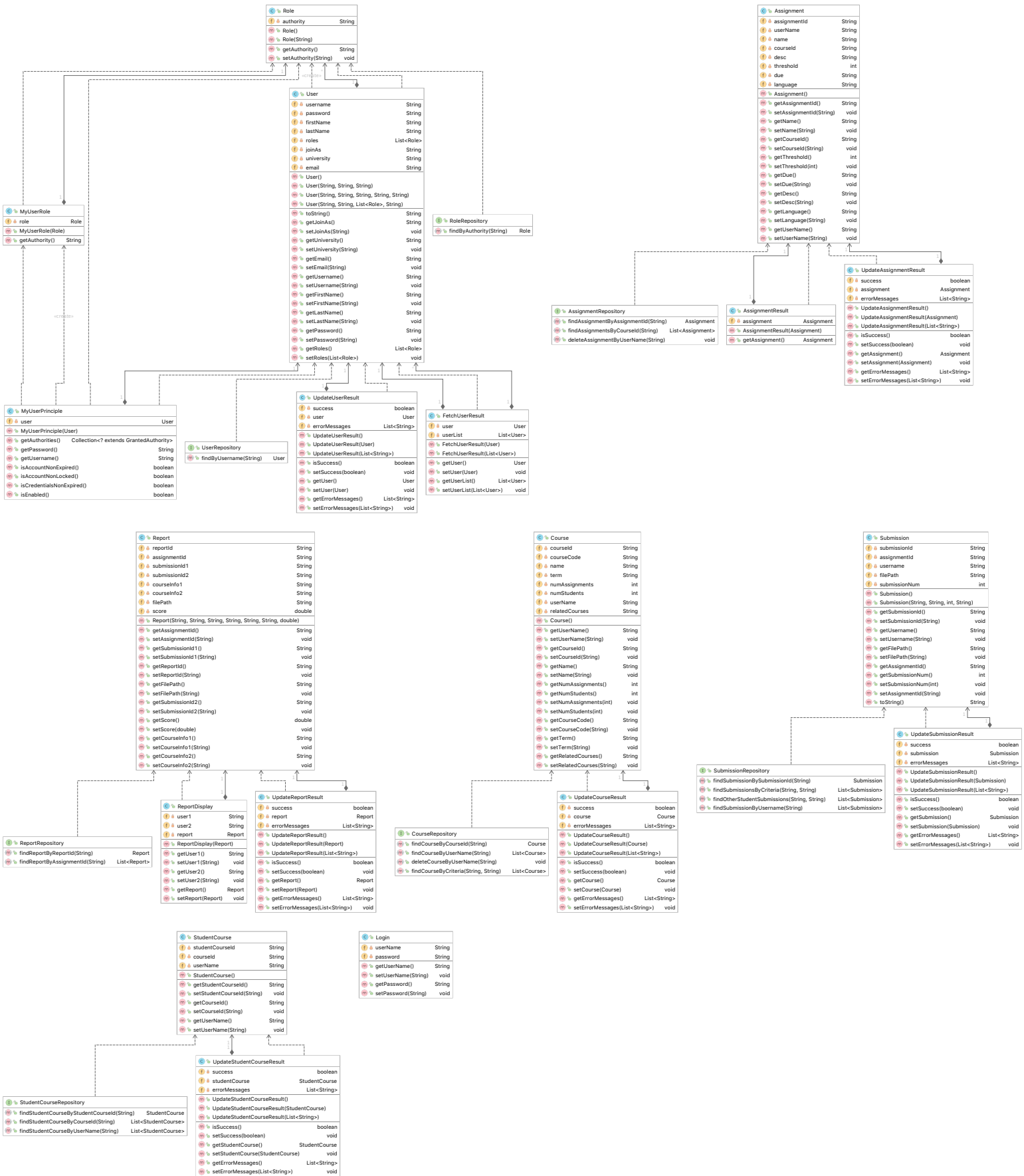
  MyRestController	
  repository	UserRepository
  courseService	CourseService
  greeting(String)	Object
  getCurrentUser(HttpServletRequest)	Object

  UserRestController	
  userService	UserService
  createUser(User)	Object











Controller UML





















Model UML

















Repository UML





I   SubmissionRepository		
 	findSubmissionBySubmissionId(String)	Submission
 	findSubmissionsByCriteria(String, String)	List<Submission>
 	findOtherStudentSubmissions(String, String)	List<Submission>
 	findSubmissionByUsername(String)	List<Submission>





I   CourseRepository		
 	findCourseByCourseId(String)	Course
 	findCourseByUsername(String)	List<Course>
 	deleteCourseByUsername(String)	void
 	findCourseByCriteria(String, String)	List<Course>

I   StudentCourseRepository		
 	findStudentCourseByStudentCourseId(String)	StudentCourse
 	findStudentCourseByCourseId(String)	List<StudentCourse>
 	findStudentCourseByUsername(String)	List<StudentCourse>

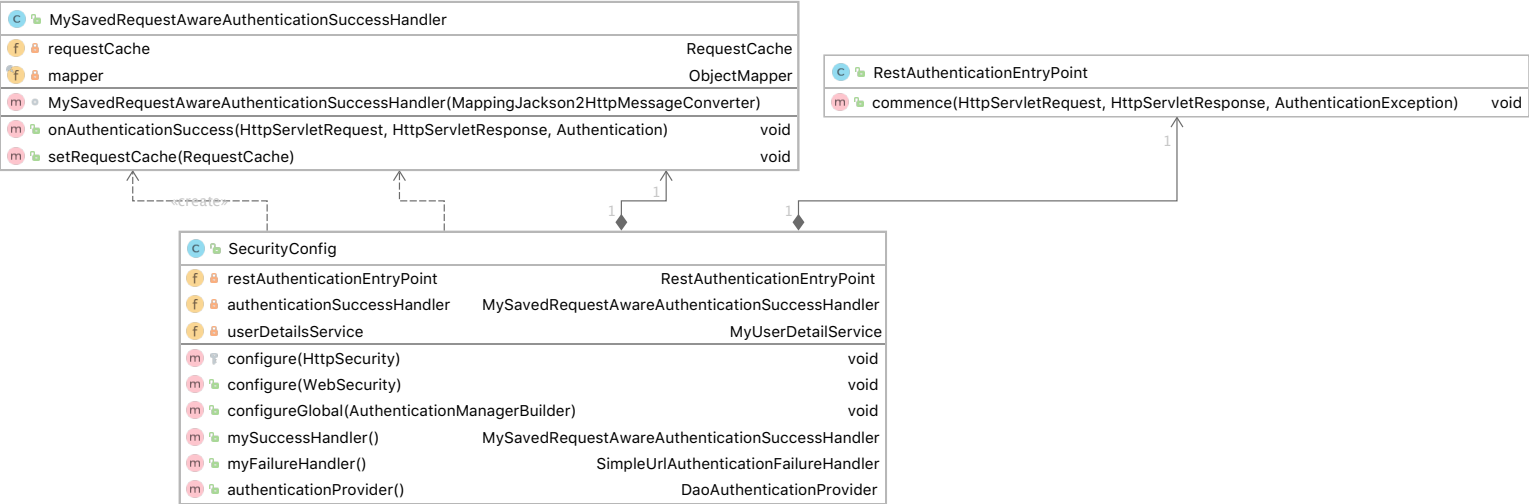
I   AssignmentRepository		
 	findAssignmentByAssignmentId(String)	Assignment
 	findAssignmentsByCourseId(String)	List<Assignment>
 	deleteAssignmentByUsername(String)	void

I   ReportRepository		
 	findReportByReportId(String)	Report
 	findReportByAssignmentId(String)	List<Report>

I   UserRepository		
 	findByUsername(String)	User

I   RoleRepository		
 	findByAuthority(String)	Role

Security UML



Service UML

CourseService		
courseRepository	CourseRepository	
createCourse(Course)	UpdateCourseResult	
deleteCourse(String)	void	
deleteCourseByUsername(String)	void	
findCourseByCriteria(String, String)	List<Course>	
getCourseByCourseId(String)	Course	
getAllCourses()	List<Course>	
getAllCourses(String)	List<Course>	
validateCourse(Course)	List<String>	
checkNull(List<String>, String, String)	void	

SubmissionService		
submissionRepository	SubmissionRepository	
createSubmission(Submission)	UpdateSubmissionResult	
getSubmissionById(String)	Submission	
addFileToSubmission(String, Submission)	UpdateSubmissionResult	
getSubmissionsForAssignment(String, String)	List<Submission>	
getOtherStudentSubmissions(String, String)	List<Submission>	
getSubmissionByUsername(String)	List<Submission>	
validateSubmission(Submission)	List<String>	
checkNull(List<String>, String, String)	void	

AssignmentService		
assignmentRepository	AssignmentRepository	
logger	Logger	
createAssignment(Assignment)	UpdateAssignmentResult	
getAssignmentById(String)	Assignment	
getAssignmentsForCourse(String)	List<Assignment>	
deleteAssignment(String)	void	
deleteAssignmentByUsername(String)	void	
validateAssignment(Assignment)	List<String>	
checkNull(List<String>, String, String)	void	

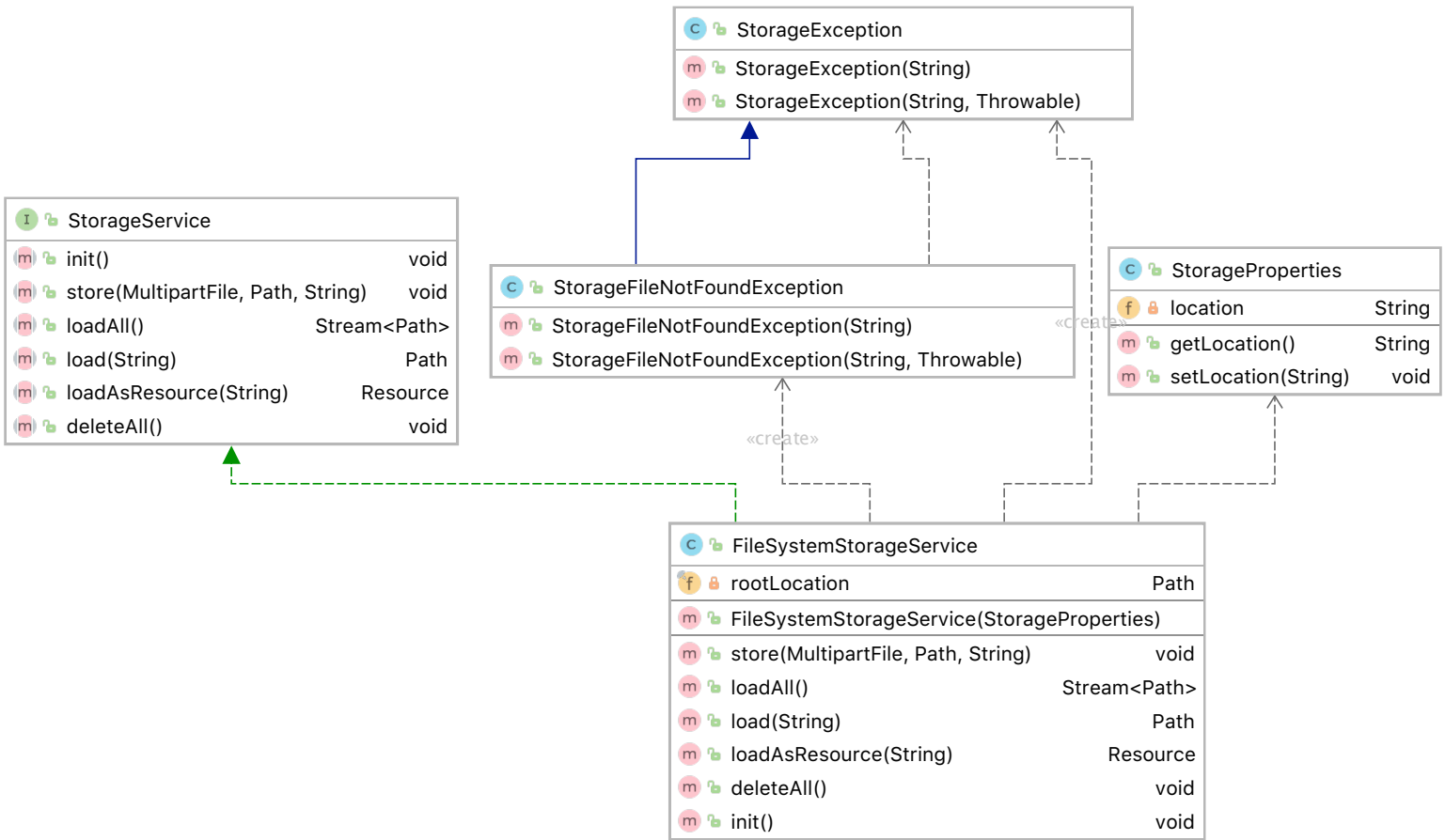
UserService		
userRepository	UserRepository	
roleRepository	RoleRepository	
createUser(User)	UpdateUserResult	
deleteUser(String)	void	
getUserByUsername(String)	FetchUserResult	
getAllUsers()	List<User>	

StudentCourseService		
studentCourseRepository	StudentCourseRepository	
createStudentCourse(StudentCourse)	void	
deleteStudentCourse(String)	void	
getCourseByCourseId(String)	List<StudentCourse>	
getAllCourses(String)	List<StudentCourse>	

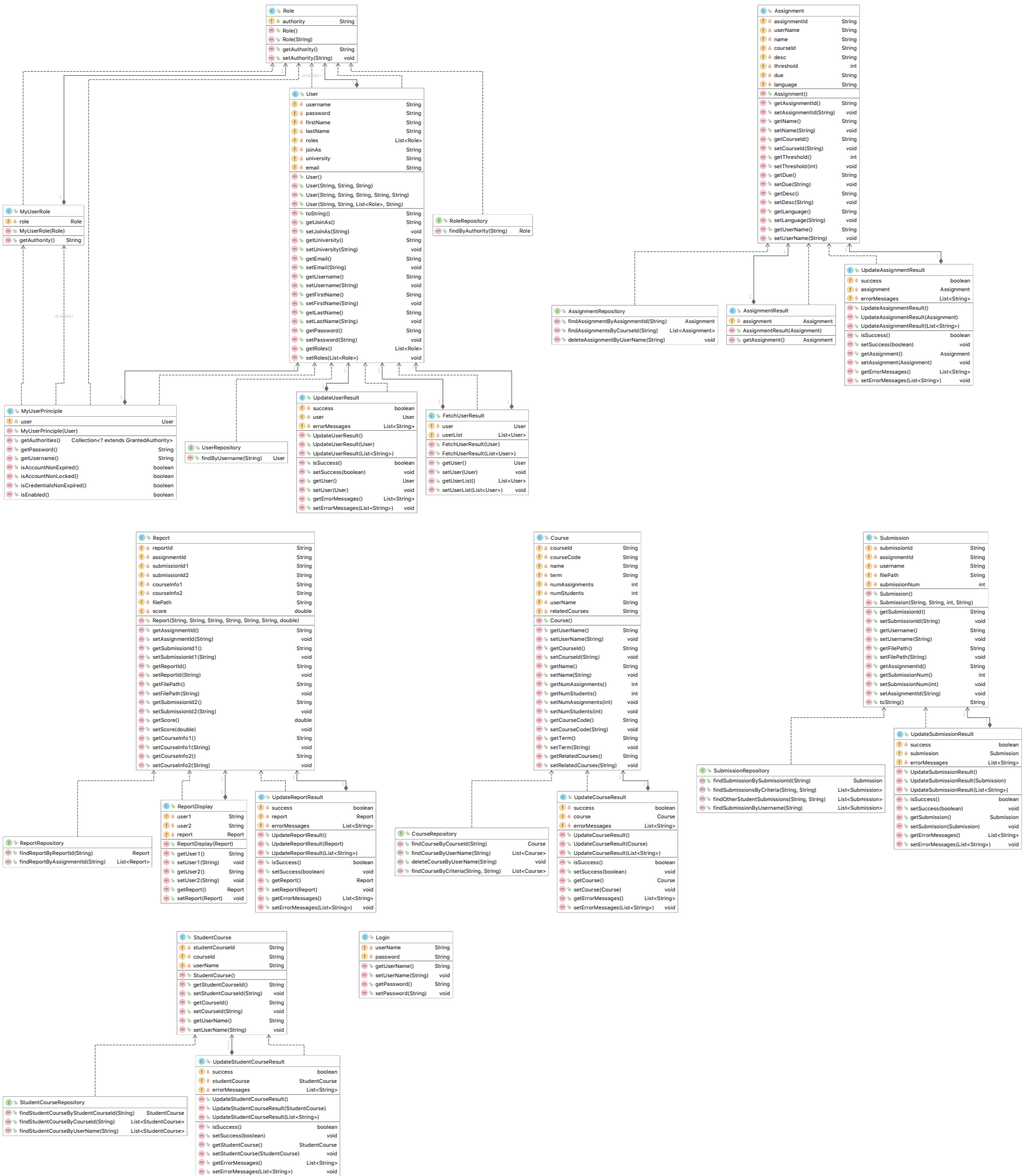
ReportService		
reportRepository	ReportRepository	
createReport(Report)	UpdateReportResult	
getReportsForAssignment(String)	List<Report>	
getReportById(String)	Report	

MyUserDetailService		
userRepository	UserRepository	
loadUserByUsername(String)	UserDetails	

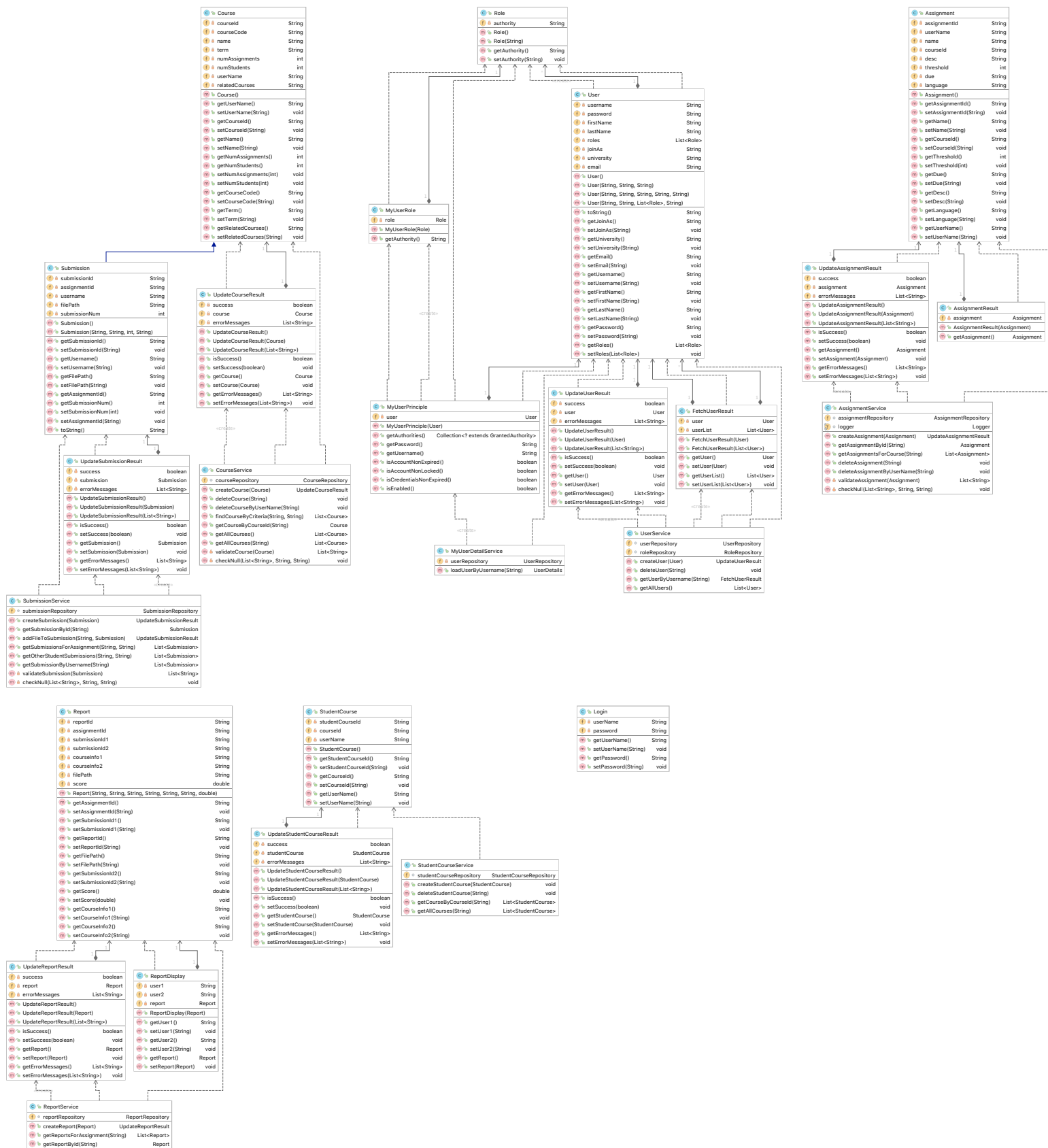
Storage UML



Model and Interface UML



Model and Service UML



Service API Controller UML

