ThesisController -thesisService: ThesisService +getThesesList(): List<Thesis> +getThesesListToDisplay(): List<Thesis> +findThesesById(id:Integer): Thesis +addTheseses(thesis:Thesis): Thesis +updateTheses(thesis:Thesis): Thesis +deleteTheses(id:Integer): void +findThesesByUserId(userId:Integer): List<Thesis>

ThesisService

+findThesesByUserId(userId:Integer): List<Thesis>

```
-jdbcTemplate: JdbcTemplate
+addThesis(thesis:Thesis): Thesis
+updateTheseses(thesis:Thesis): Thesis
+deleteThesisById(id:Integer): void
+getThesesList(): List<Thesis>
+getThesesListToDisplay(): List<Thesis>
+findThesesById(id:Integer): Thesis
```

-thesisDao: ThesisDao

ThesisDao

```
+findThesesByUserId(userId:Integer): List<Thesis>
+getThesesListToDisplay(): List<Thesis>
+getCountOfRecords(): Integer
+findThesesUnderReview(isUnderReview:Boolean): List<Thesis>
+findReviewedTheses(): List<Thesis>
+findThesesBySupervisorId(supervisorId:Integer): List<Thesis>
```

ReviewController

```
-fileService: FileService
-statusService: StatusService

+addReview(reviewData:Review): Review
+getFileList(): List<Triple<Integer, String,
String>>
+getReviewData(): List<Review>
+generateReview(docxData:Object): ResponseEntity<FileSystemResource>
+findThesesByUserIdAndReviewerId(userId:Integer,
reviewerId:Integer): List<Thesis>
+findFilesByThesesId(thesisId:Integer): void
```

ReviewService

```
-reviewDao: ReviewDao
-thesisDao: ThesisDao
-fileDao: FileDao
-userDao: UserDao
-userService: UserService
-fileService: FileService
+addReview(review:Review): Review
+getReviewData(): List<Review>
+findThesesByUserIdAndReviewerId(userId:Integer,
reviewerId:Integer): List<Thesis>
+findReviewByThesisId(thesisId:Integer): List<Review>
+Proba(object:Object): UUID
+setColumnWidth(table:XWPFTable,columnIndex:int,
```

StatusService

widthInCentimeters:double): void

-reviewService: ReviewService

```
-fileDao: FileDao
-thesesService: ThesesService
-userService: UserService
-emailSenderService: EmailSenderService
-userDao: UserDao
+getNeccessaryData(): List<Triple<Integer,
String, String>>
+findFilesByThesesId(thesisId:Integer): void
```

FileService

```
-fileDao: FileDao
-thesisDao: ThesisDao
-userService: UserService
-thesesService: ThesesService
-jdbcTemplate: JdbcTemplate
+assembleFileWithStudent(fileId:int,thesisId:int): void
+findThesesByLoggedInStudent(userId:Integer): List<Thesis>
+getFile(filename:String): FileSystemResource
+getFilenameByUUID(uuid:UUID): String
+getFilenameTwoByUUID(uuid:String): String
+deleteFileById(uuid:String): void
+uploadFile(file:MultipartFile): int
```

FileDao

+findByTheses(thesisId:Integer): List<File>
+findFilesByThesesId(): List<File>

+countByThesesesId(thesisId:Integer): Integer

ReviewDao

```
+findReviewByThesisId(thesisId:Integer): List<Review>
+findReviewsByThesisIdAndReviewerId(thesisId:Integer,
reviewerId:Integer): List<Review>
+findReviewByThesisIdAndReviewerId(thesisId:Integer,
reviewerId:Integer): Review
+findReviewsByReviewerId(reviewerId:Integer): List<Review>
+findThesesByUserIdAndReviewerId(userId:Integer,
reviewerId:Integer): List<Review>
```