Professor

- profName: String
 profReviews: ArrayList<Review>
 overallRating: double
 Context: context

- _TAG: String
- <constructor>> Professor(profName: String, profReviews: ArrayList<Review>, overallRating: double, context: Context)
- <constructor>> Professor(profName: String, profReviews: An gelProfName(): String) void + gelProfName(): String) void + gelProfName(profName: String); void + gelProfReviews(): ArrayList-Review> + selProfReviews(): ArrayList-Review>): void + getOveralifRating(): double + getOveralifRating(overaliRating: double): void + setOveralifRating(overaliRating: double): void + loadProfessors(context: Context): Map<String, Professor> initialize/EilesAVD(): void + loadProfessorNamesFromCSV(): void + loadProfessorReviewsFromCSV(): void + loadProfessorReviewsFromCSV(): void + calcOveralifRating(): double

- + calcOverallRating(): double + calcDifficultyRating(): double + loadDataInAVD(): ArrayList<String> + calcWouldTakeAgain(professor: Professor): double + calcAverageLevelOfDifficulty(professor: Professor): double

Review

- courseNum: String professor: Professor difficultyRating: double
- courseRating: double courseGrade: double mandatoryClass: boolean takeClassAgain: boolean reviewWriteup: String

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- egetDifficultyRating(): double esetDifficultyRating(difficultyRating: int): void egetCourseRating(): double
- + setCourseRating(: ourseRating: int): void + setCourseGrade(): String + setCourseGrade(courseGrade: String): void

- + setLourseGrade(courseGrade: String); void
 + getReviewWriteup(): String
 + setReviewWriteup(reviewWriteup: String); void
 + isMandatoryClass(: boolean)
 + setMandatoryClass(: soolean); void
 + isTakeClassAgain(: boolean)
 + setTakeClassAgain(takeClassAgain: boolean); void

CreateReviewActivity

-_ TAG: String - professorsMap: Map<String, Professor>

onCreate(savedInstanceState: Bundle): void - findProfessorByName(profName: String): Professor - launchViewProfessorActivity(): void

MainActivity

onCreate(savedInstanceState: Bundle): void - launchSearchProfessorActivity(): void

SearchProfessorActivity

- professorsMap: Map<String, Professor
 searchResultsContainer: LinearLayout
 professor: Professor

- # onCreate(savedInstanceState: Bundle): void performProfessorSearch(professorName: String): void displayProfessors(professor: Professor): void

ViewProfessorActivity

- selectedProfName: String professorsMap: Map<String, Professor> professorName: TextView TAG: String

- # onCreate(savedinstanceState: Bundle): void
 displayProfessorName(selectedProfName: String): void
 displayProfessorName(selectedProfName: String): void
 loadProfessorReviews(professor): foressor): double
 showProfessorReviews(courseNum: String, rating: String, difficulty: String, grade: String, classMandatory:
 String, wouldTakeAgain: String, reviewWriteUp: String): void
 launchProfessorReviewsActivity(): void