PA6 Final Project UML

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| Class Name: Menu Driver |
| Fields/Properties:  -Menu/Driver Class/Flow of Control (MAIN) |
| Methods:  +MainMenu() |

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| Class Name: Student |
| Fields/Properties:  Listing  -Record Type: char  -studentID: long  -studentName: string  -EvaluatorID: long  -TeamID: long  -TeamName: string  -analyticalScore: int  -communicationScore: int //Also teamScore?  -technicalScore: int  -avgScore: int  -comments: string |
| Methods:  +Listing() //No arg  +Listing(with arguments)  +getListingID(): int  + getAddress(): string  + getEndDate(): string  +readFile(): void;  +populateStudentArray(students[]): void  +preProcessEdit(students[]): void  +compareTo(): void  +toString(): void  +saveFile(): void |

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| Class Name: Report |
| Fields/Properties:  -averageAnalyticalScore: int  -communicationScore: int  -technicalScore: int  -totalScore: int  -studentAverageScore: int  -teamAverage: int |
| Methods:  +setaverageAnalyticalScore(int): void  +getAverageAnalyticalScore(): void  +setCommunicationScore(int): void  +getCommunicationScore(): void  +setTechnicalScore(int): void  +getTechnicalScore(): void  +setTotalScore(int): void  +getTotalScore(): void  +setstudentAverageScore(int): void  +getStudentAverageScore(): void  +setTeamAverage(int): void  +getTeamAverage(): void  +studentReports(); :void  +topStudentsAndTeams(): void  +saveFile(): void |

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| Class Name: Update |
| Fields/Properties:  -Update |
| Methods:  +readFile(): void  +populateArray(): void  +displayUpdateMenu(): void  +addRecord(): void  +updateRecords(): void  +deleteRecord(): void  +updateMasterFile(): void |