

Data Model

Course Interface {

name: string

number of credits: number

description: string

course_id: number

prerequisites: Course []

is Taken: boolean

is Ending: boolean

breadthType: BreadthType (A, B, C, D)

}

Semester Interface {

name: string

Year: number

Session: SessionType (Winter, Spring, etc.)

Courses: Course []

totalCredits: number

is Skipped: boolean

}

Plan Interface {

name: string

semesters: Semester []

requirements: Course []

floating courses: Course []

}