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## I. Introduction:

### 1. Product:

- iPhone Application of Student Information Management System.

### 2. Developer Tools:

- IDE: Xcode 8
- Language: Swift 3
- iOS: 10
- Database:
  - o Server: <https://firebase.google.com/>
  - o JSON format
  - o Database file: database.json (attachment)
- Version Control
  - o Local: Git
  - o Server: Github
  - o Document: git\_document.csv (attachment)
- Test Case:
  - o Unit Testing: included in Source code

### 3. Source code:

- a) <https://github.com/mpham07/Student-Information-Management-iOS>
- b) Attachment
- c) How to run: please follow instruction at Github link above.

## II. How many members are you in your team?

There are **3** members:

- Minh Pham
- Nhan Nguyen
- Anthony Nguyen

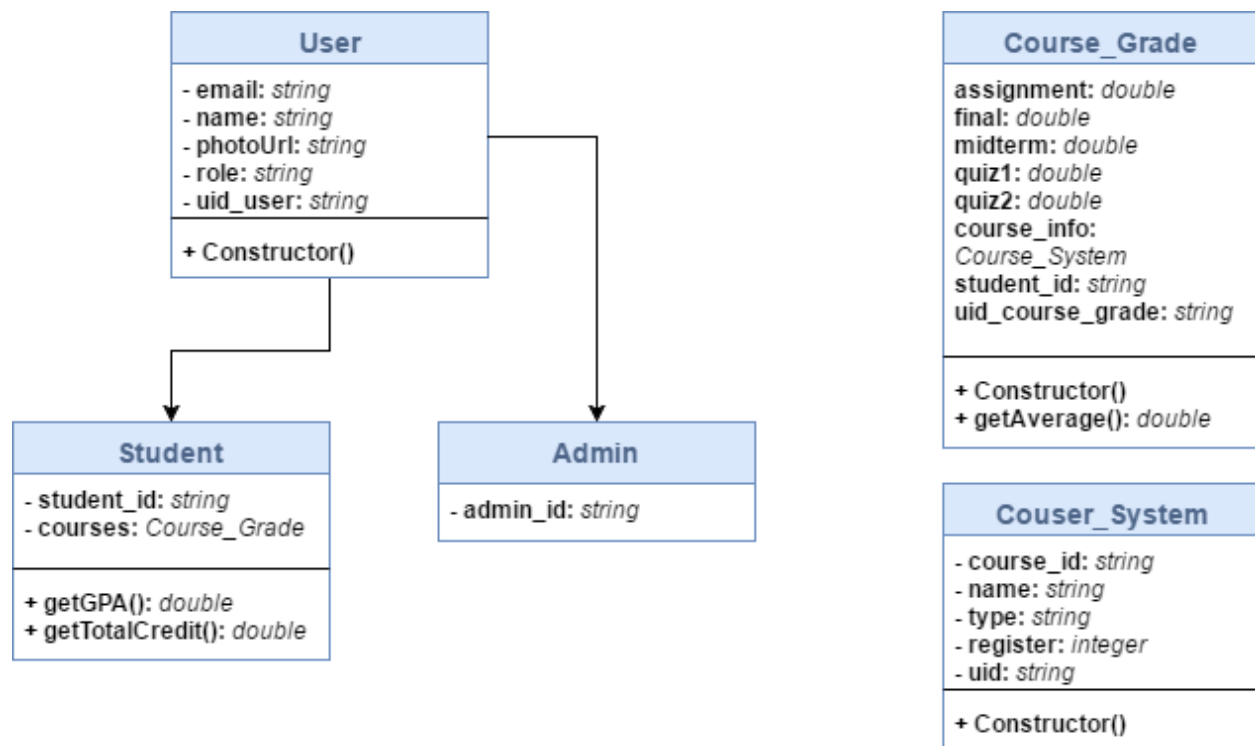
## III. What type of team model is used in the project (chapter 4)?

It's is **Classical Chief Programmer Team**.

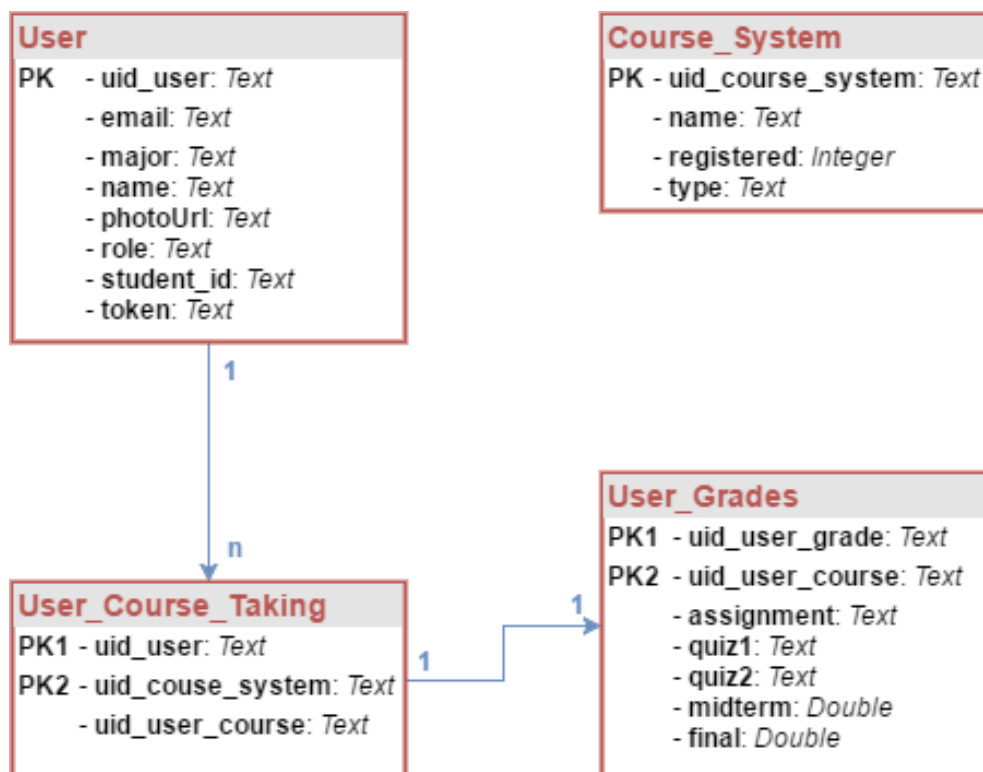
- *Chief programmer*: Anthony Nguyen
- *Programming Secretary*: Nhan Nguyen
- *Programmer*: Minh Pham

## IV. UML diagrams:

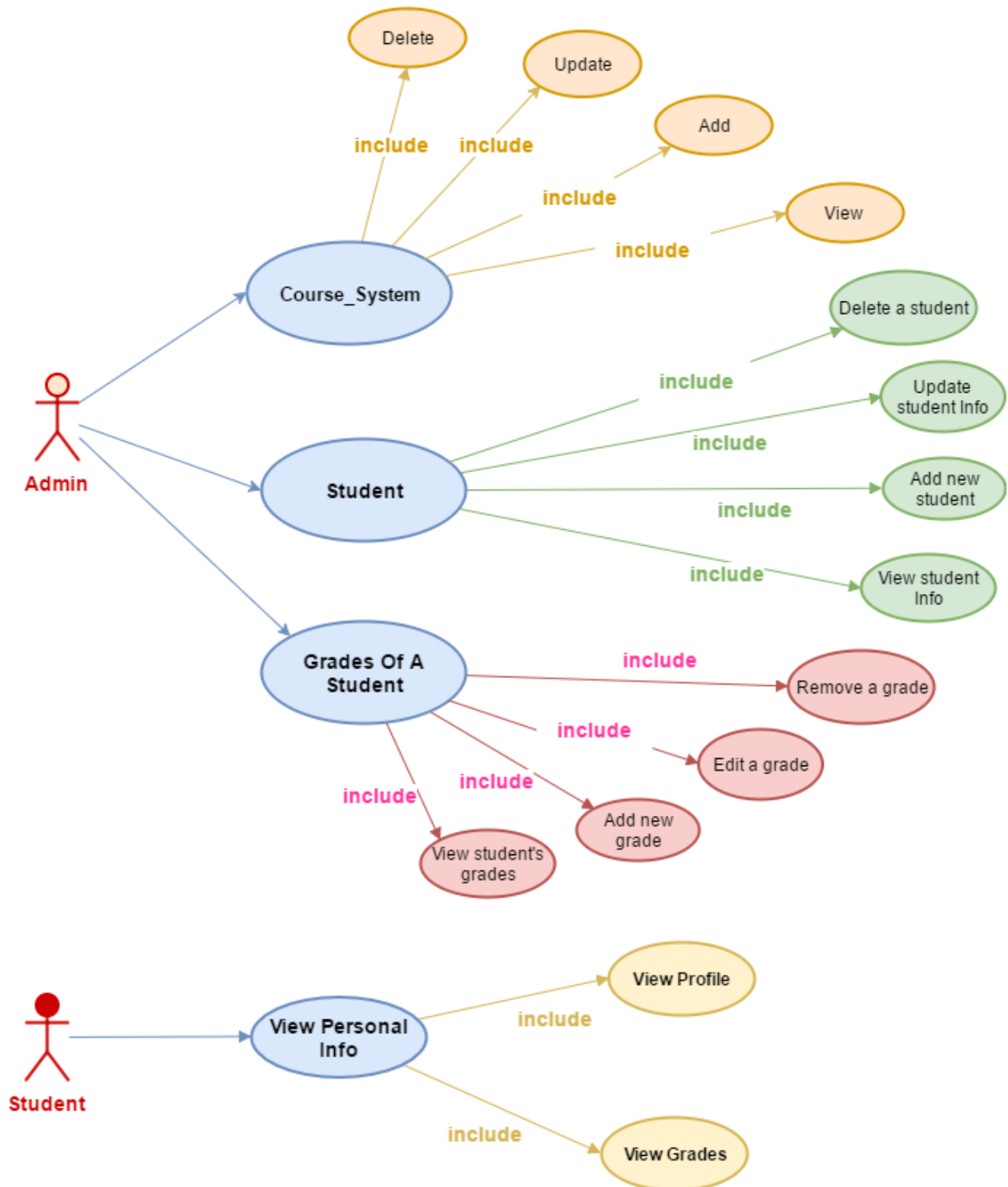
### 1. Class diagram:



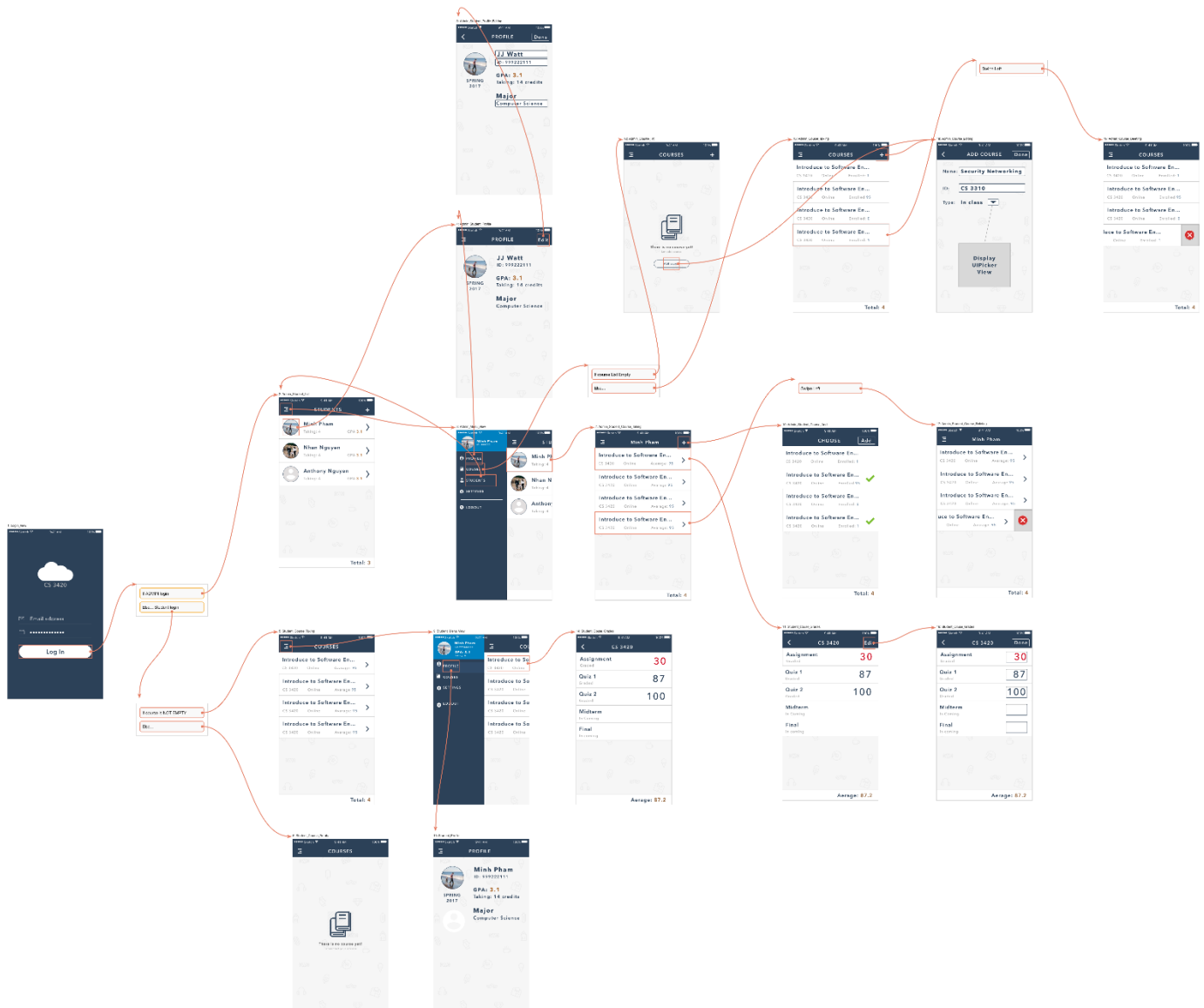
## 2. Database diagram:



## 3. Use Case diagram:



**Prototyping**  
 customised software engineering



## V. Unit Testing:

