**Get Exam Information (UC-D1)**

• **Actor:** MVC Client.

• **Brief description:** This use case describes how the system can request for Analysis the exam and get information about students marks and course ILOS,Topic

• **Pre-conditions:** System request for Analysis Exam from web API.

**• Post-condition:** web API Analysis the exam and return the information to MVC

**• Flow of event:**

|  |  |
| --- | --- |
| **System** | **EAS Web** API |
| 1. Request for Analysis the Exam”. |  |
|  | 2 get Exam ID |
|  | 3. Start Analysis the exam and found the ILOS and topic |
|  | 4.Save result in list |
|  | 5.send result to MVC |

**Critical scenario:**

1.The Web API server stopped.

2.No connection to Web API server

**No Interface Prototype.**

**Get Course Information (UC-D2)**

• **Actor:** MVC Client.

• **Brief description:** This use case describes how the system can request for Analysis Course

• **Pre-conditions:** System request for Analysis Course from web API.

**• Post-condition:** web API Analysis the Course and return the information to MVC

**• Flow of event:**

|  |  |
| --- | --- |
| **System** | **EAS Web** API |
| 1. Request for Analysis the Course”. |  |
|  | 2 get Course ID |
|  | 3. Start Analysis the Course and Apply k-means |
|  | 4.Save result in list |
|  | 5.send result to MVC |

**Critical scenario:**

1.The Web API server stopped.

2.No connection to Web API server

**No Interface Prototype.**

**Get TeacherCourse Information (UC-D3)**

• **Actor:** MVC Client.

• **Brief description:** This use case describes how the system can request for Analysis specific teacher Course

• **Pre-conditions:** System request for Analysis specific teacher Course

from web API.

**• Post-condition:** web API Analysis the Course and return the information to MVC

**• Flow of event:**

|  |  |
| --- | --- |
| **System** | **EAS Web** API |
| 1. Request for Analysis the Course”. |  |
|  | 2 get Course ID |
|  | 3. Start Analysis the Course and calculate Max mark ,Min mark and Average mark |
|  | 4.Save result in list |
|  | 5.send result to MVC |

**Critical scenario:**

1.The Web API server stopped.

2.No connection to Web API server

**No Interface Prototype.**