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| UC-C1 | Fetch the first question | |
| Actor | MVC Client. | |
| Brief Description | This use case describes how the system can request for Start new exam and get first question from the web API server. | |
| Pre-Conditions | * System request for start new exam and get question the first from web API. | |
| Post-conditions | * Web API save exam information in the database and Apple question algorithm. | |
| Flow of events | **Actor** | **System** |
| 1. Request for new exam”. |  |
|  | 1. Select exam information. |
|  |  | 1. Save the exam information in the database. {student\_id, subject\_id}. |
|  |  | 1. Apply Question Algorithm to select first question. |
|  |  | 1. send the first question   Refer to the start of the exam and register its information. |
| Critical Scenarios | * The Web API server stopped. * No connection to Web API server. | |

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| UC-C2 | Correct and fetch the next question | |
| Actor | MVC Client. | |
| Brief Description | This use case describes how the system can request for next question from the web API server. | |
| Pre-Conditions | * System request for the next question from web API. | |
| Post-conditions | * Web API server correct student answer, save it in the database and get the next question. | |
| Flow of events | **Actor** | **System** |
| 1. Pass student answer with question id. |  |
|  | 1. Connect to database and get the question true answer. |
|  |  | 1. Apply auto correction algorithm to Correct this answer only. |
|  |  | 1. Save the information in the database. |
|  | 1. Request for next question. |  |
|  |  | 1. Randomly selects from the Student Questions list. |
|  |  | 1. Appropriate question Depending on question algorithm. |
| Critical Scenarios | * The Web API server stopped. * No connection to Web API server. | |

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| UC-C3 | Fetch the final Result | |
| Actor | MVC Client. | |
| Brief Description | This use case describes how the system get student final result from the web API server and stop the exam. | |
| Pre-Conditions | * System request for the final result from web API. | |
| Post-conditions | * Web API server end the exam and calculate the final result and save it in the database. | |
| Flow of events | **Actor** | **System** |
| 1. Request for final result”. |  |
|  | 1. Server connect to database to get student individually answers. |
|  |  | 1. Apply Auto correction algorithm to calculate the final result. |
|  |  | 1. Save the student final result in the Database. |
|  |  | 1. Send the final result with details to the system. |
| Critical Scenarios | * The Web API server stopped. * No connection to Web API server. | |

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| UC-C4 | Get Available view | |
| Actor | MVC Client. | |
| Brief Description | This use case describes how the system can request for the view that Customized for each user. | |
| Pre-Conditions | * System request for View from web API | |
| Post-conditions | * Web API return view Determined according to User login information. | |
| Flow of events | **Actor** | **System** |
| 1. Request for View”. |  |
|  | 1. Check login information. |
|  |  | 1. According to User Role   The API select Appropriate view. |
|  |  | 1. Return view. |
| Critical Scenarios | * The Web API server stopped. * No connection to Web API server. | |