



*“Never one… without the other”*

* Dragon Knights Team



Tên tài liệu

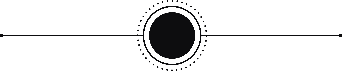
Tên tài liệu



**Version 1.0**

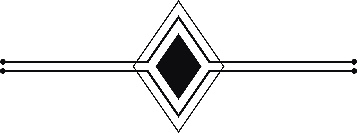
4/4/2018

VERSION HISTORY



|  |  |  |  |
| --- | --- | --- | --- |
| **VERSION** | **DATE** | **AUTHOR** | **CONTENT** |
| 1.0 | 11/5/2018 | Đổng Kim Vinh |  |
| 1.1 | 4/6/2018 | Đổng Kim Vinh | Fix document |
| 2.0 | 19/6/2018 | Đổng Kim Vinh | Rework document |
| 2.1 | 23/62018 | Đổng Kim Vinh | Fix document |
|  |  |  |  |

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1. Quality attribute
   1. Quality attribute :Scalability

|  |  |
| --- | --- |
| **What It’s For** | When requirement change , the system easy to upgarde (or scale) |

|  |  |
| --- | --- |
| Q.01 | Scalability |
|  | |
| Source of stimulus | Developer |
| Stimulus | Want to scale the system easily when requirement change |
| Environmental conditions | Code time |
| Artifact stimulated | System |
| Response | The system can be extended to many departments |
| Response measure | The system serves 23 departments, when the server and the program upgraded |

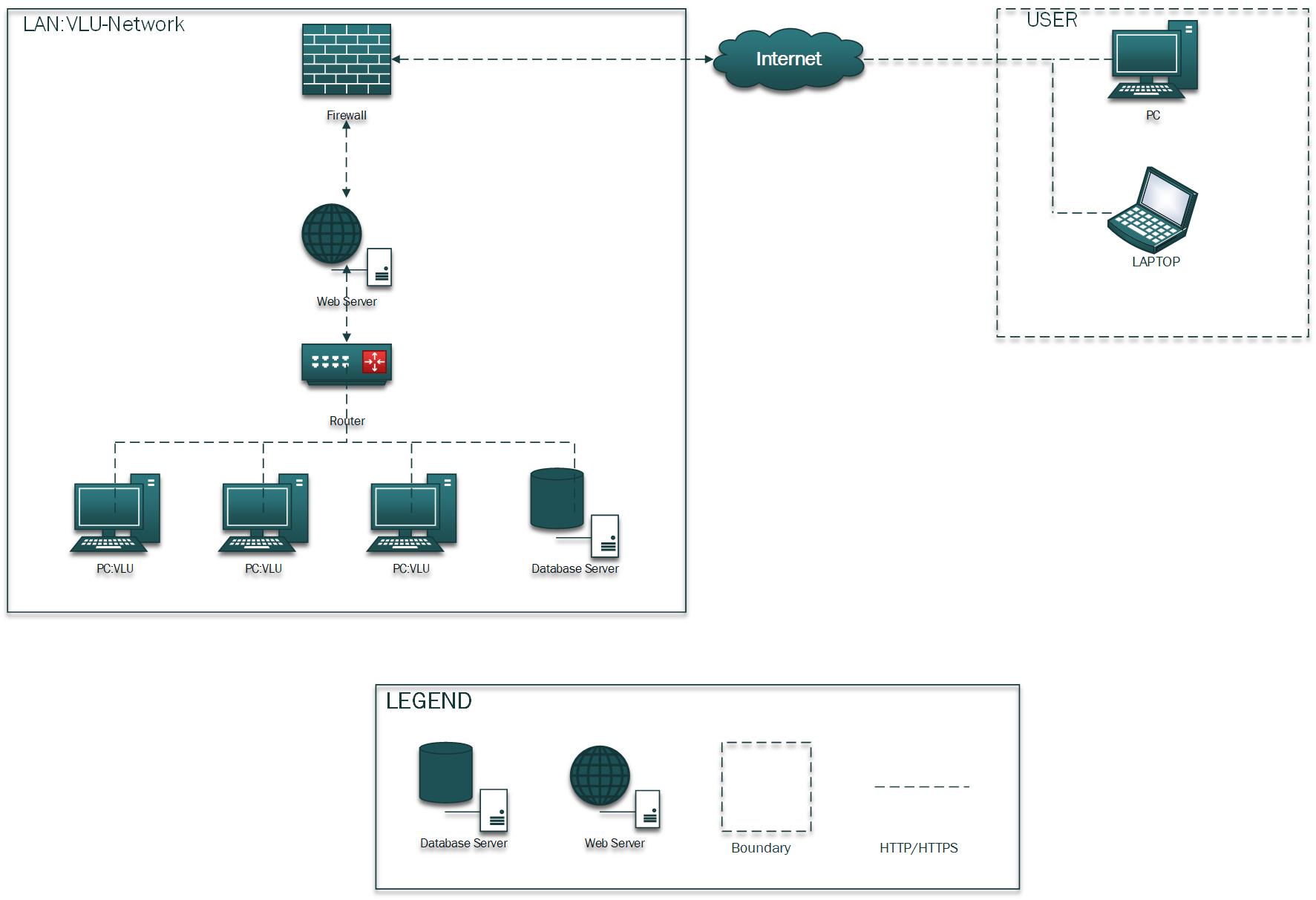
* 1. Quality attribute :Performance
     1. Client

|  |  |
| --- | --- |
| Q.02.1 | Performance: Client |
|  | |
| Source of stimulus | Developer |
| Stimulus | Want to increase performance of the system in 2 side Client and Server |
| Environmental conditions | Code time |
| Artifact stimulated | System |
| Response | +Client:  -reduce the time of loading page  -avoid reload the whole page when reloading page |
| Response measure | -Time reduced when loading page: 70%  -Time of loading page: less than 3 second  -Reduce 57% size of the css and script file |

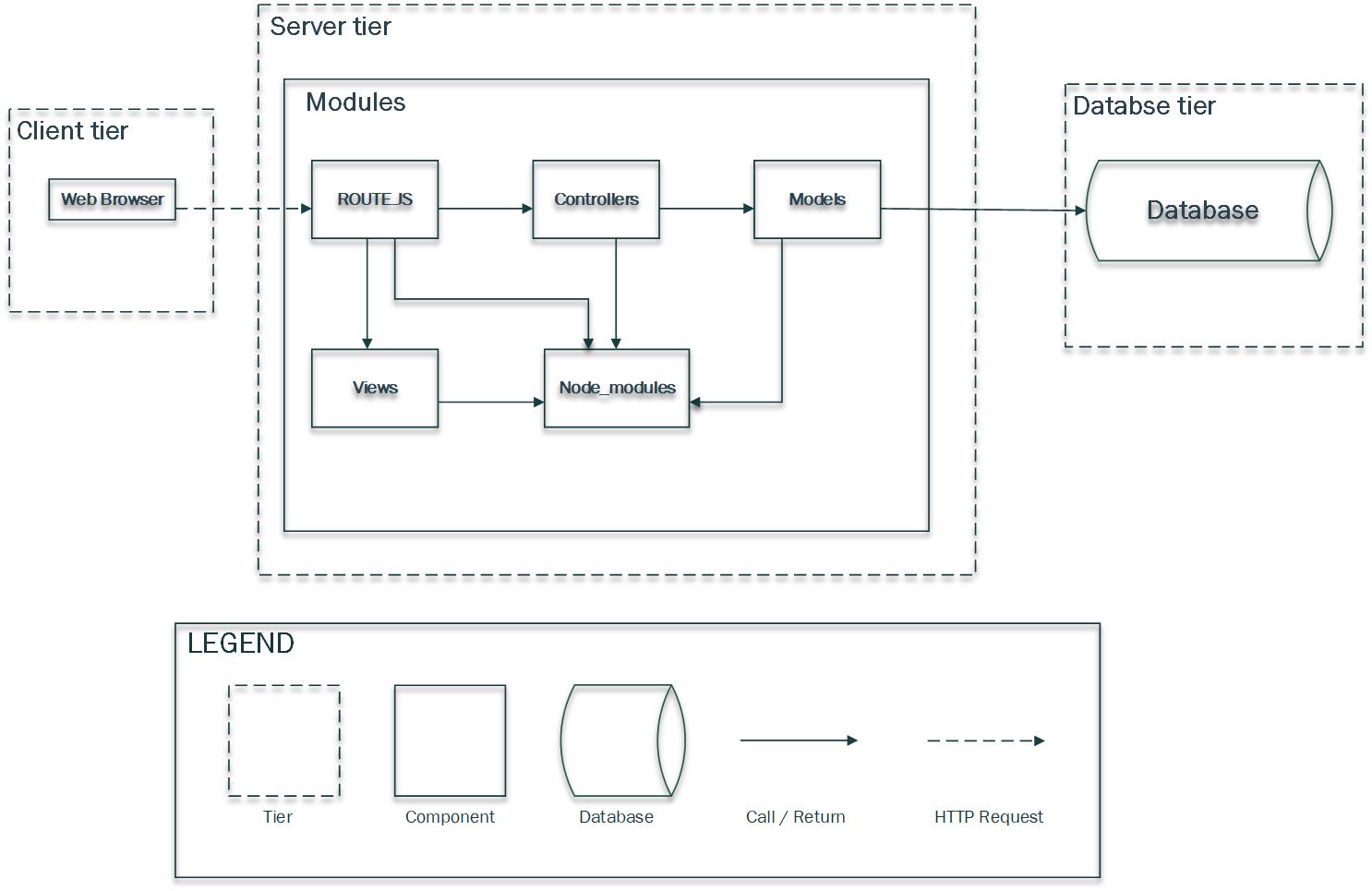
* + 1. Server

|  |  |
| --- | --- |
| **Q.02.2** | Performance: Server |
|  | |
| Source of stimulus | Developer |
| Stimulus | Want to increase performance of the system in 2 side Client and Server |
| Environmental conditions | Code time |
| Artifact stimulated | System |
| Response | +Server:  -handling parallel tasks  -solving the sync problem  -avoid call-back hell situation  -speed up execution |
| Response measure | Average Respone time(ART):5s |

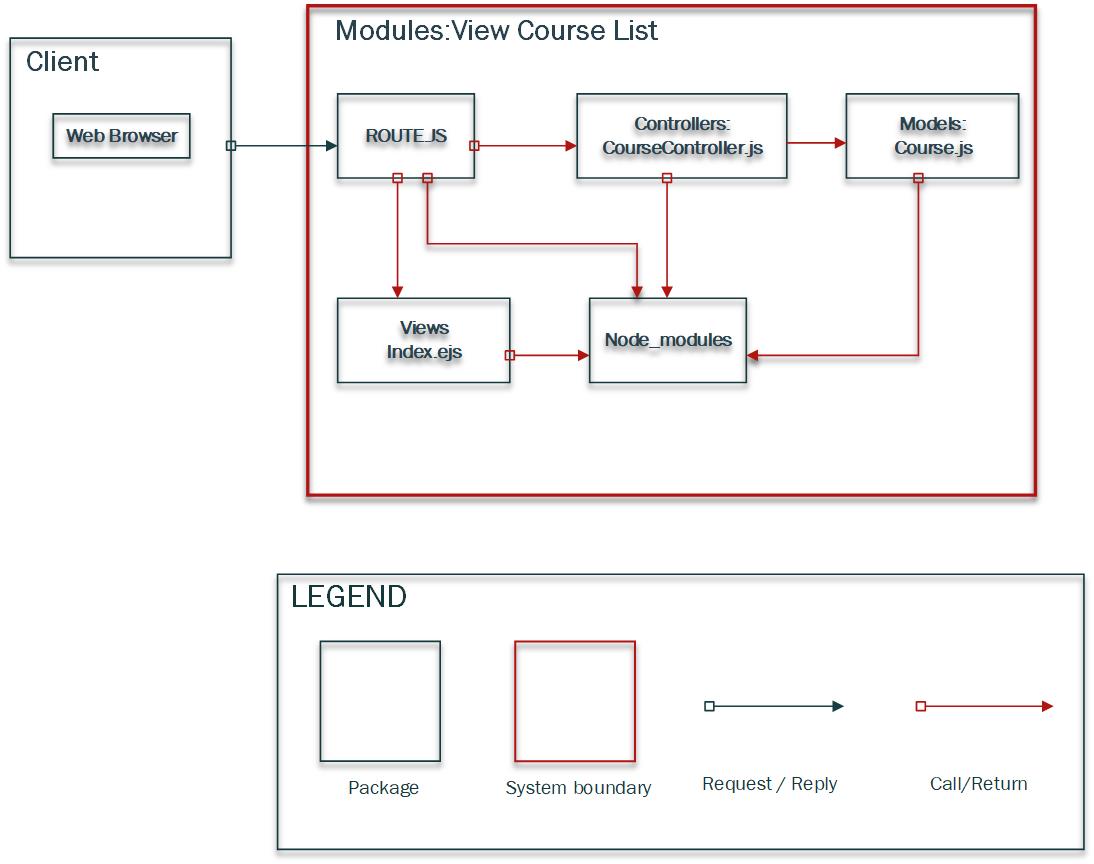
1. Physical Perspective



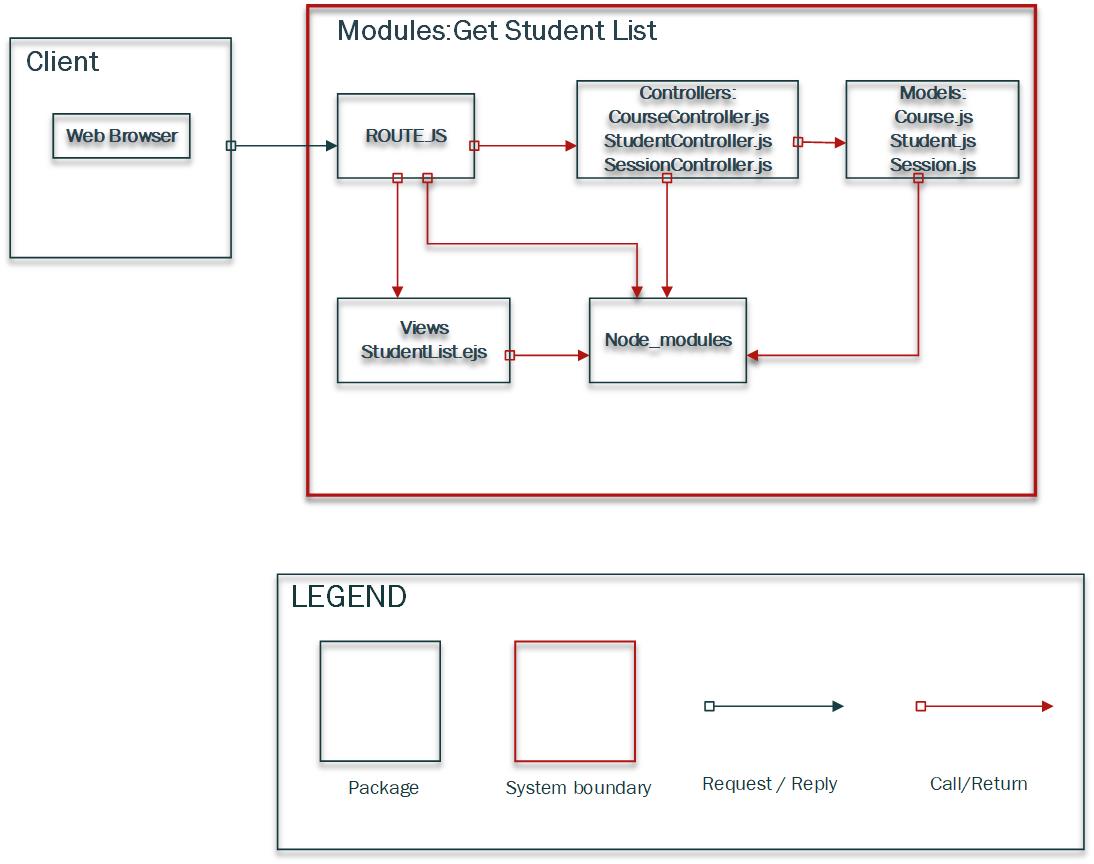
1. Dynamic Perspective
   1. Dynamic perspective lv0



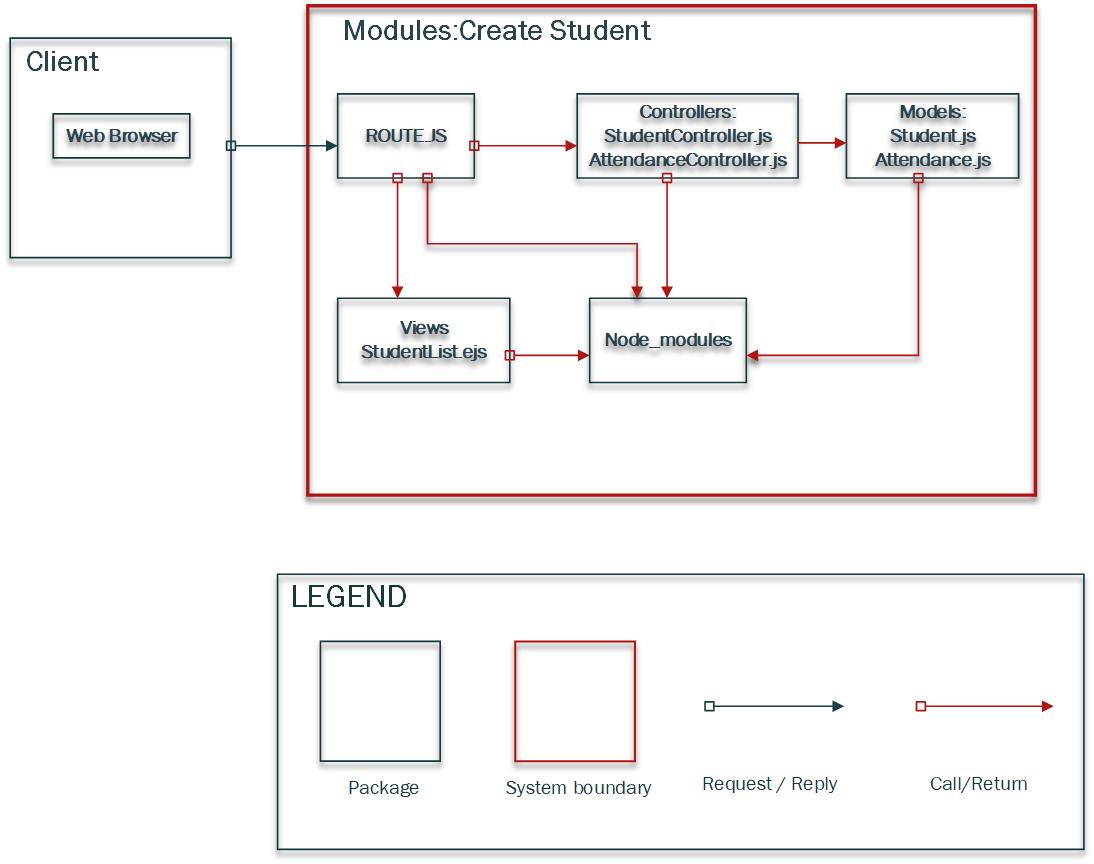
* 1. Dynamic perspective lv0 by function
     1. View Course List



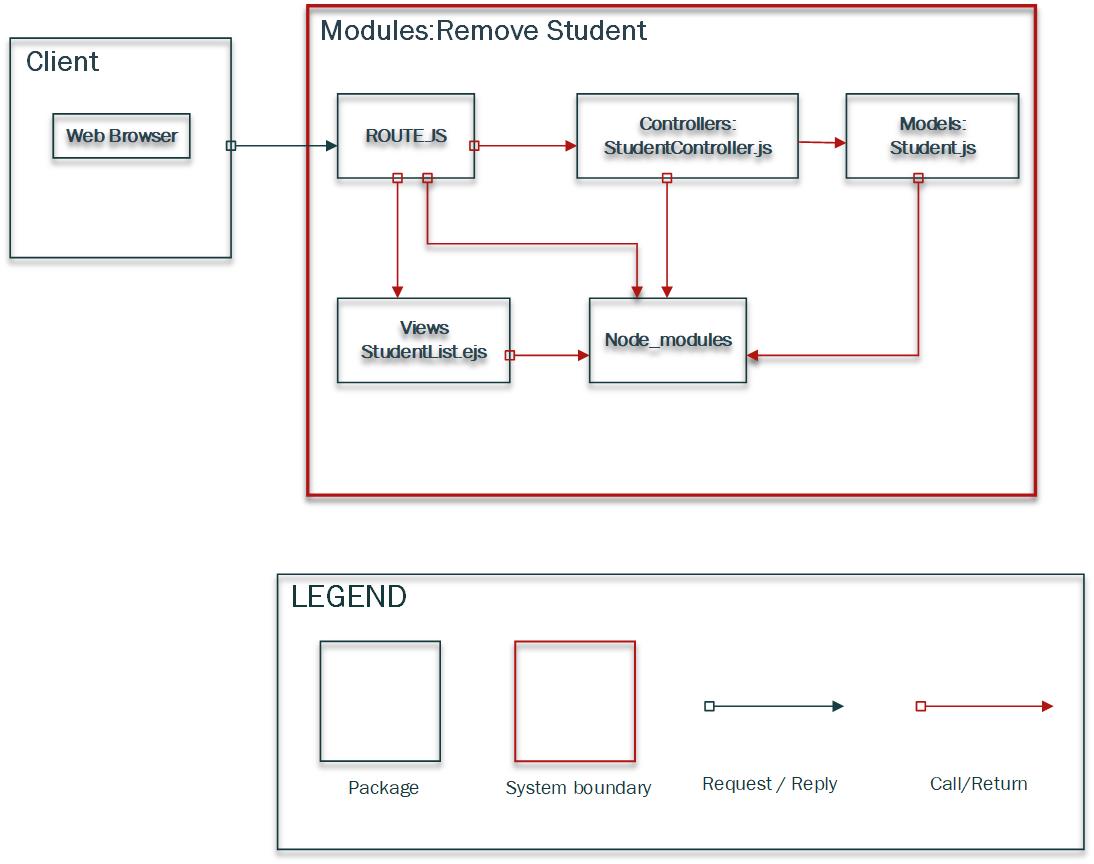
* + 1. Get Student List



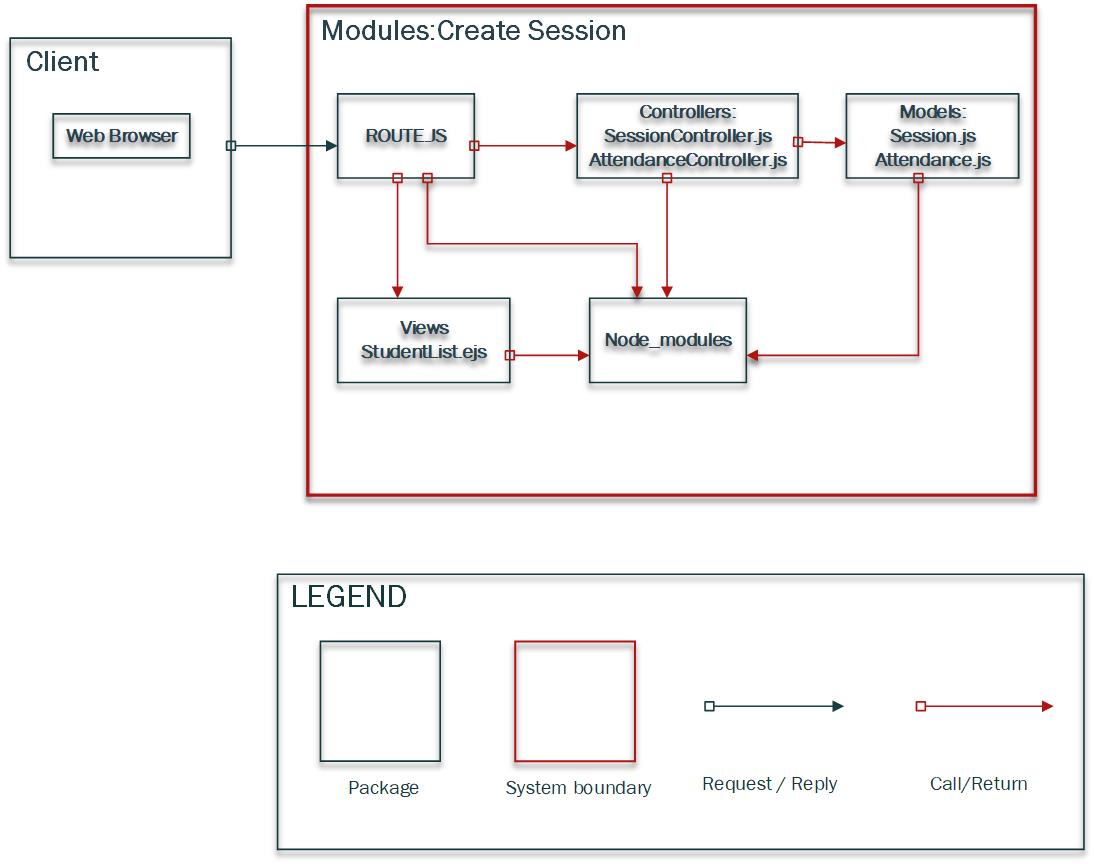
* + 1. Add New Student



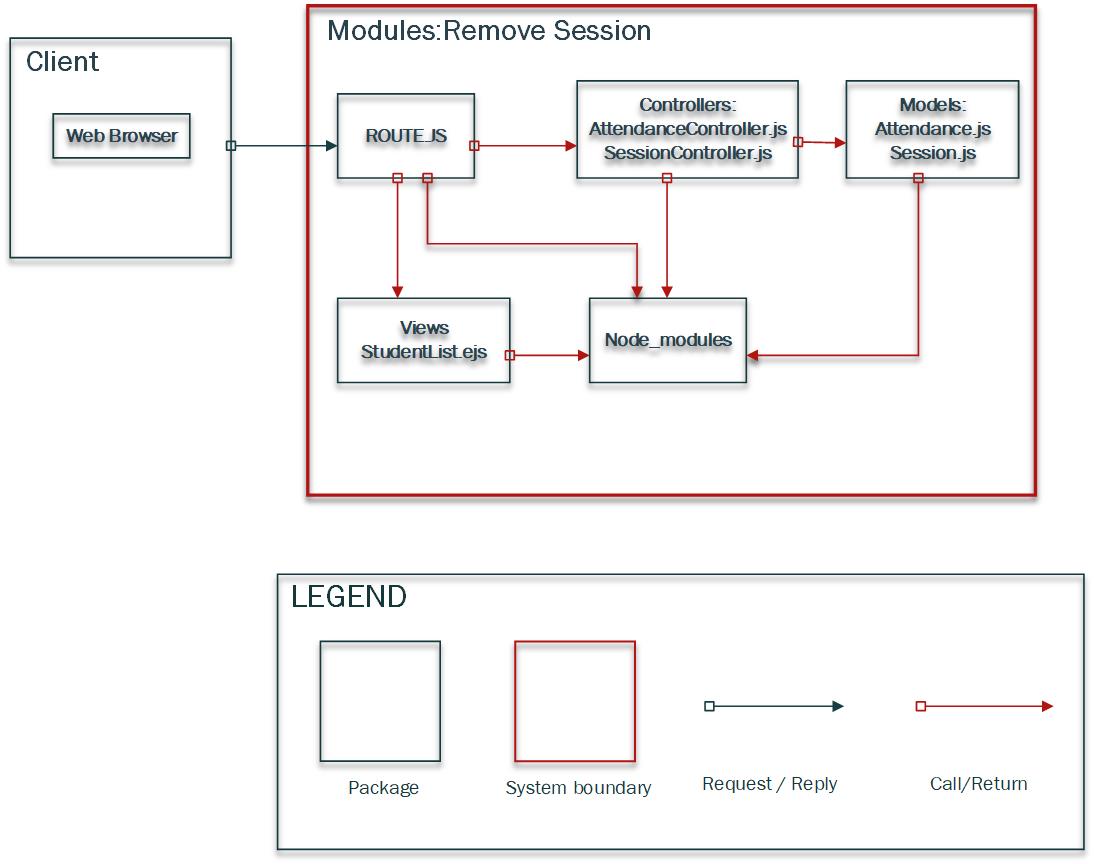
* + 1. Remove Student



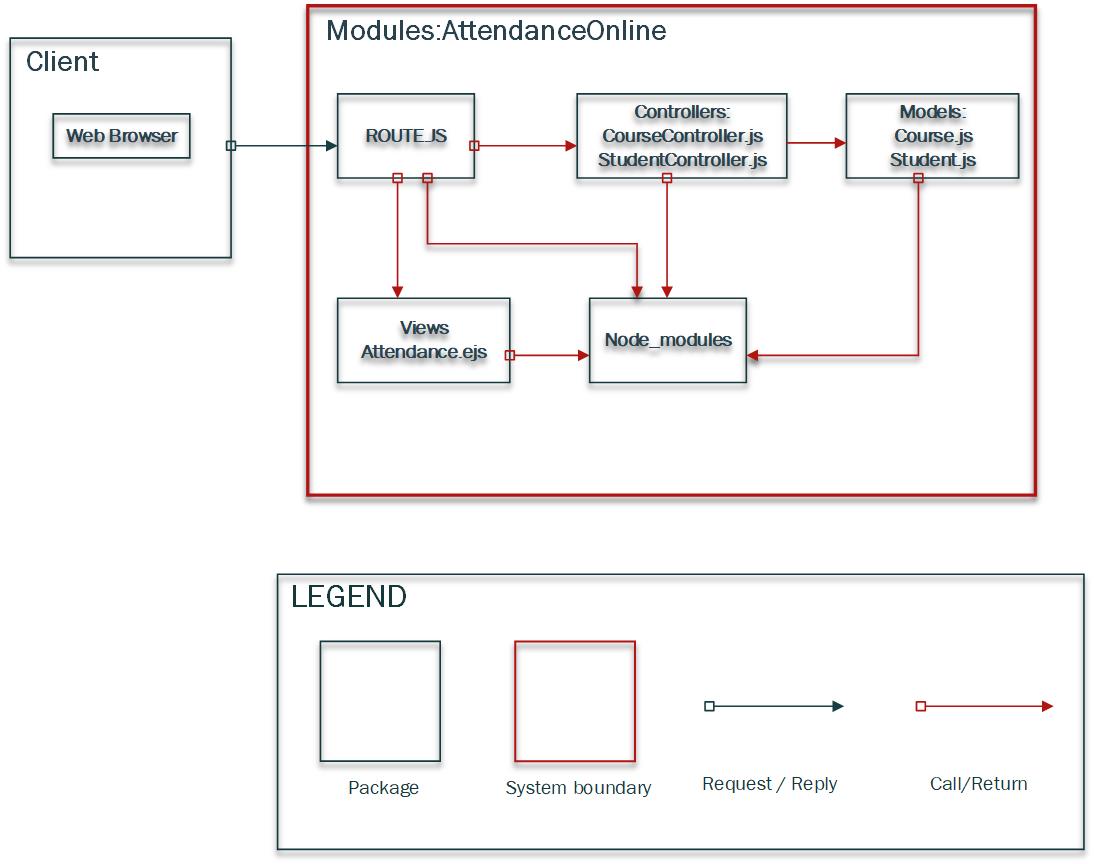
* + 1. Add Session



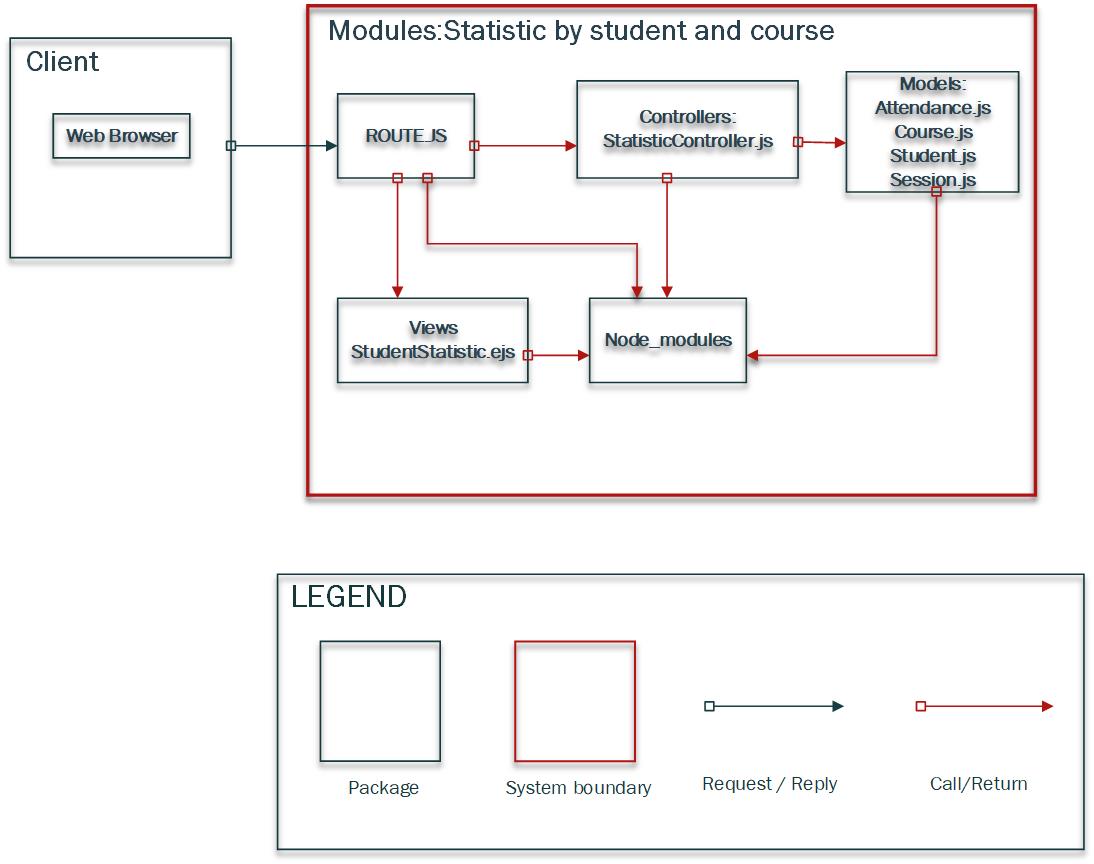
* + 1. Remove Session



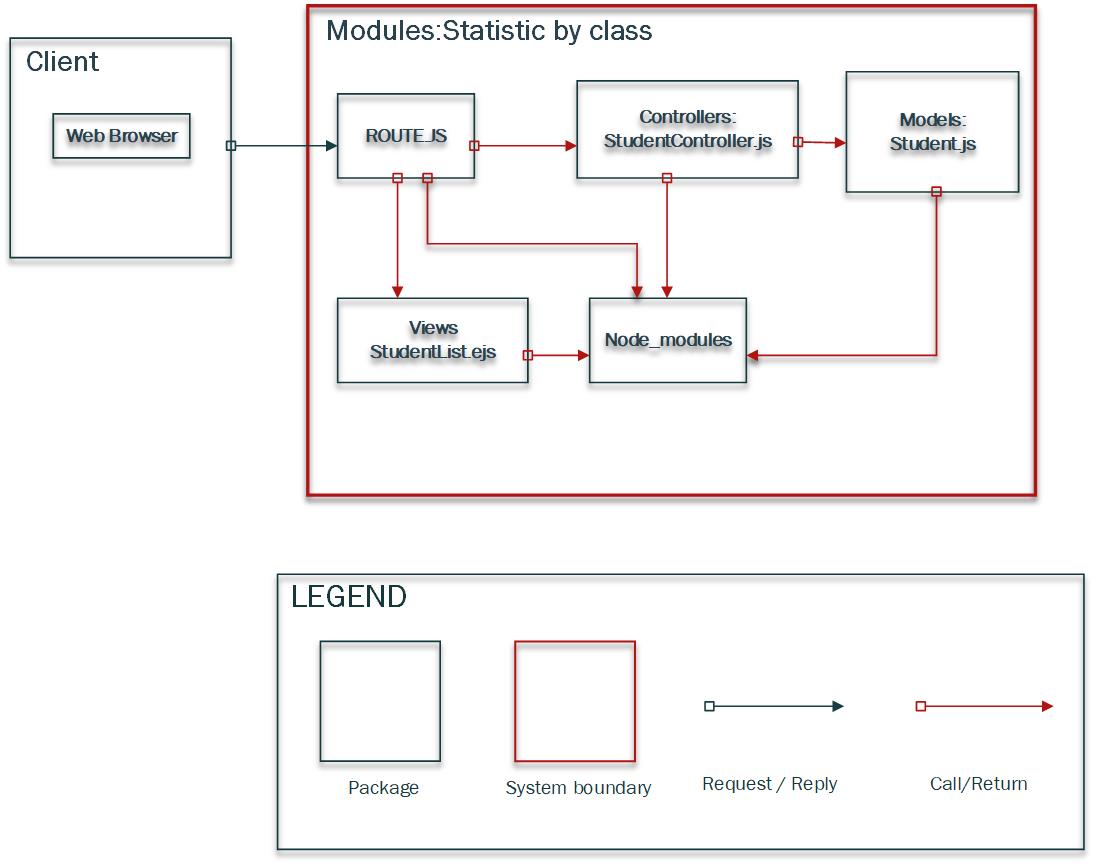
* + 1. Attendance Online



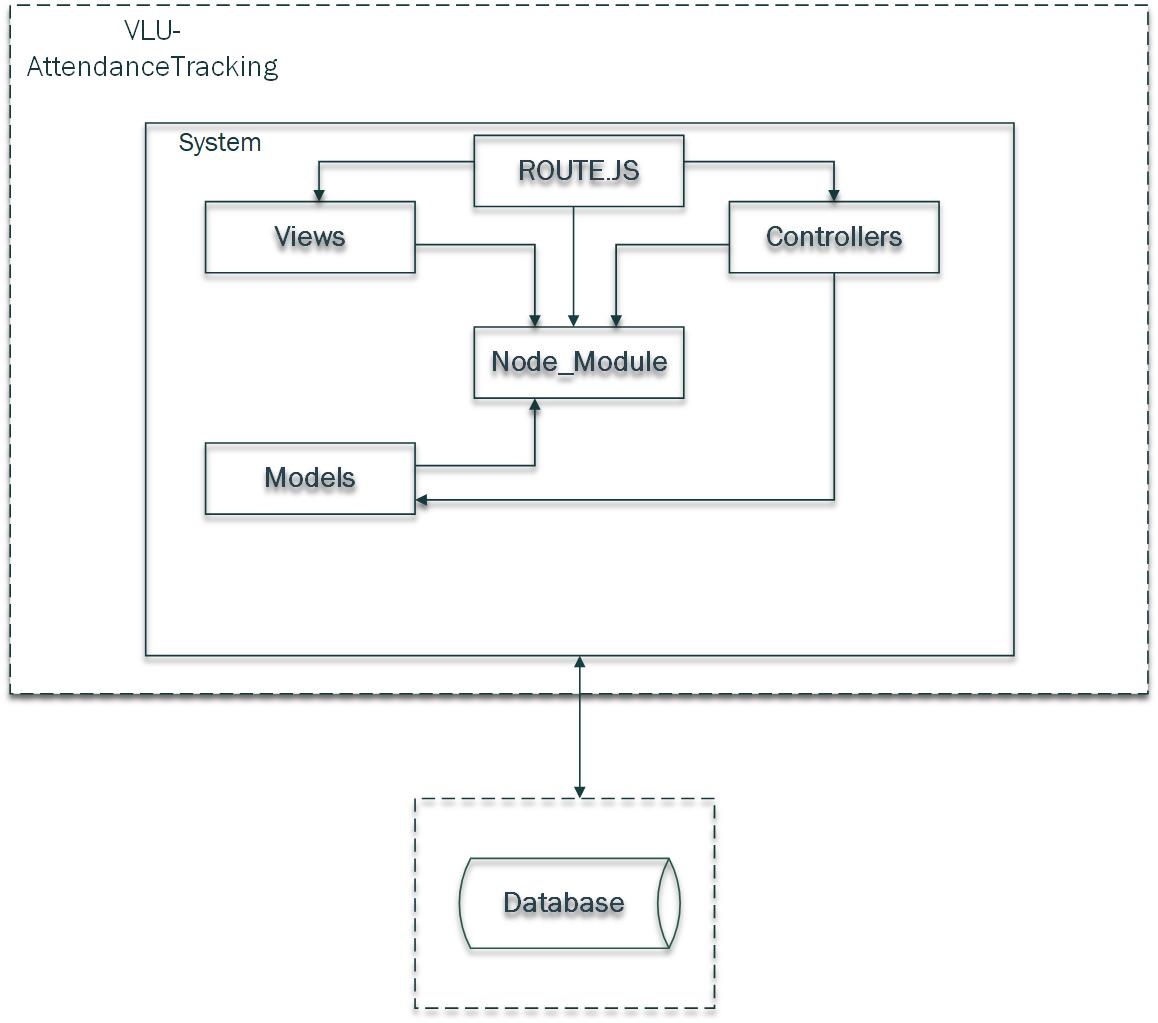
* + 1. Statistics By Students And Courses



* + 1. Statistics By Classes



1. Static Perspective
   1. Static Perspective Lv0



* 1. Static Perspective Lv1

