Unit Design Phase Defects

| **Review Form** | | | |
| --- | --- | --- | --- |
|  |  |  |  |
|  | **Document Title:** | **Project\_AnalysisDesignDocument\_LabAssiAsseProjectV01** | |
|  | **Reviewer Name:** | **Vintilă Dragoș** **Truța Dan Alexandru** | |
|  | **Review date:** | **16/03/2024** |  |
|  |  |  |  |
| **Crt. No.** | **Checked Item** | **Doc. page/line** | **Comments/ improvements** |
| 1 | D\_02 | - | Only 3 out of 10 use cases provided in the diagram have been described/made sequence diagrams of. |
| 2 | D\_03 | 3/8 | Error handling strategy description is non-existent |
| 3 | D\_07 | 7/1 | ”Add student” sequence diagram embeds comments not part of a sequence diagram : (“The teacher selects “Add Student””, “The system creates new course”) |
| 4 | D\_07 | 3/11 | Use case number 1 (Add student)’s precondition does not specify involved fields / the context of an entities’ addition |
|  |  |  |  |
|  | **Effort to review document (hours): 1** | |  |

| **Review Form** | | | |
| --- | --- | --- | --- |
|  |  |  |  |
|  | **Document Title:** | **LabAssiAsseProjectV01** | |
|  | **Reviewer Name:** | **Vintilă Dragoș** **Truța Dan Alexandru** | |
|  | **Review date:** | **16/03/2024** |  |
|  |  |  |  |
| **Crt. No.** | **Checked Item** | **Doc. page/line** | **Comments/ improvements** |
| 1 | D\_04 | console.UI/ 62  console.UI/ 82  console.UI/ 85 [console.UI/201](http://console.ui/201)  console.UI/106 console.UI/110 | Inputting a non-integer results in an unhandled exception |
| 2 | D\_01 | service.Service/15 | Application defines the repository fields of Service as a concrete implementation instead of its parent abstract implementation after defining it as such, defeating polymorphism’s purpose |
| 3 | D\_07 |  | No source code documentation is provided. |
| 4 | D\_06 | [console.UI/87](http://console.ui/87),  e | Magic numbers use instead of concrete values (boolean, string). |
| 5 | D\_02 | [console.UI/](http://console.ui/91)91  console.UI/124 | Error handling is too vague with respect to input exceptions. Consider differentiating between multiple error types instead of listing them bundled |
| 6 | D\_01 | service.Service/28 service.Service/39  service.Service/60 | Entities are instantiated inside the Service layer instead of the Repository layer. |
| 7 | D\_07 |  | Student has missing fields for email and professor name. |
| 8 | D\_01 | service.Service/108 | Deadline extension function is implemented erroneously.  currentWeek is defined as the calendar week number, while internal week number is defined as the academic week number |
| 9 | D\_01 | service.Service/60 | If assignment is turned in before the deadline, the grade is increased, when it shouldn’t be |
|  |  |  |  |
|  | **Effort to review document (hours):2** | |  |