Unit Design Phase Defects

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| **Review Form** | | | |
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|  | **Document Title:** | **Design Phase Defects Checklist** | |
|  | **Reviewer Name:** | **Birtalan Csaba-Adrian, Blajan Denisa** | |
|  | **Review date:** | **19.03.2023** |  |
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| **Crt. No.** | **Checked Item** | **Doc. page/line** | **Comments/ improvements** |
| 1 | D\_02 | Page 3 | Not all the FR features are listed. For example: adding a grade, listing the students, filter entities based on criteria, reports… |
| 2 | D\_02 | Page 3 | The use case diagram contains features that are not mentioned in the Requirements Documents (the prints). |
| 3 | D\_02 | Page 3 | There are some features that the use diagram does not contain. |
| 4 | D\_03 | Page 4 | The delete and update user use case description does not specify what happens if the id of the user is not found. |
| 5 | D\_02 | Page 4 | The document does not provide description for all the use cases mentioned in the diagram. |
| 6 | D\_02 | Page 6 | The requirements document specifies something about adding a theme. The entities section should provide a solution for this. |
| 7 | D\_02 | Page 6 | No attribute for the theme number is specified. The requirements document describes that theme number is provided when a grade is added. |
| 8 | D\_01 | Page 7 | What does a larger environment mean. Scalable servers? |
| 9 | D\_06 | Page 8 | The Service class does not respect the separation of concerns principal. |
| 10 | D\_02 | Page 9-11 | The on click event on the sequence diagram is ambiguous. The requirements document does not specify anything about the fact that the user should click on the UI. |
| 11 | D\_02 | Page 9-11 | The controller stage/class on the sequence diagrams not found in the class diagram. The service layer is not present. |
| 12 | D\_02 | Page 9-11 | The specification does not provide sequence diagrams for some other more relevant use cases. |
| 13 | D\_04 | Page 12-13 | Having a system with real time events, a design pattern like MVC should be used. |
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|  | **Effort to review document (hours): 2** | |  |