**Outline Laporan Tugas UAS MK PBB 2018**

*{Silahkan mengikuti outline ini untuk laporan Android Apps yang telah dikerjakan. Bagian yang berwarna kuning tidak wajib dikerjakan, bagi yang mengerjakannya akan memdapat bonus.}*

**1 Cover Page**

The cover page includes the *project title*, *group name*, and *team members*.

**2 Requirement Document**

**2.1  Change History**

**2.2  Problem Statement [OOMD04, Ch11.3] with System Context Diagram**  **[OOMD04, Fig 11.3]**

**2.3  Summary of System Features [Larman04, Ch7.7]**

**2.4  Use Case Diagram[Larman04, Ch6.17]**

**2.5  Use Cases [Larman04, Ch6]**

{Requirement Analysis di tulis dalam bentuk Use Case Fully Dress}

**2.6  Non-functional Requirements and Constraints [Larman04, Ch7.4]**

**2.7  Glossary [Larman04, Ch7.9]**

**2.8  Software Environments (The original item of development language)**

**3 Domain model**

**3.1  Domain class diagram showing only concepts [Larman04, Ch 9.4 ~ 9.6]**

**3.2  Add associations [Larman04, Ch 9.14]**

**3.3  Add attributes [Larman04, Ch 9.16]**

**4 (25%) Design**

**4.1 Draw a Logical Architecture with UML package diagram [Larman04, Ch 13]**

**4.2 Use-Case Realizations with GRASP Patterns [Larman04, Ch 17]**

**4.2.1  Choose the most significant use-case, identify system events, and**  **draw a system sequence diagram for that use case.**

**4.2.2  Write a contract for each system operation (system event).**

**4.2.3  Draw a sequence diagram for each system event you identified, and**  **label with the GRASP patterns to describe how you assign responsibilities.**

**5 Design Class Model (domain class model after class design) [Larman04, Ch 16]**

*{Kalau class model di desain berdasarkan MPV, maka harus diberi keterangan setiap patternnya}.*

**6 Implementation Class Model**

**6.1  Draw an implementation class diagram for your system (including**  **associations, attributes and methods)**

**6.2  Show the difference between implementation class model and design**  **class model**  Construct the following two tables:

**Table 5.2.1: Comparison with design and implementation class**

|  |  |  |  |
| --- | --- | --- | --- |
| Class | Method | Design | Imp. |
| C1 | m1 | *Yes* | *Yes* |
| m2 | *No* | *Yes* |
| C2 (C2 is added in design) | m1 | *No* | *Yes* |
| m2 | *No* | *Yes* |
| C3 (C3 is removed in design) | m1 | *Yes* | *No* |
| m2 | *Yes* | *No* |

**Table 5.2.2: Summary of implementation class/method changed**

*Note: Number of modified means the number of modification of signature.*

**7 Programming**

**7.1  Snapshots of system execution (optional)**

**7.2  Source Code Listing**

**8 Unit Testing**

**8.1  Snapshots of testing result (optional)**

**8.2  Unit Testing Code Listing**

**9 Measurement**

How many hours did you spend in this homework? Please record the time precisely in “YY/MM/DD HH:mm ~ HH:mm” format. **Keep logging precisely for each team member.**