WIF3007
Corak Rekabentuk
Design Patterns

Semester 1 Sesi 2021/2022
Semester 1 Session 2021/2022

Projek Kumpulan (50%)
Group Project (50%)

Marking Rubrics

Criteria	Poor	Moderate	Good
Group Report (40%)			
a) Introduction (6 marks)	Very brief/little explanation and/or unclear explanation on the overview of the virtual space and features of the application. Minimal screen captures of the GUI of the application. (0 – 2 marks)	Some explanation and/or partially clear explanation on the overview of the virtual space and features of the application. Adequate screen captures of the GUI of the application. (3 – 4 marks)	Sufficient and clear explanation on the overview of the virtual space and features of the application. Complete screen captures of the GUI of the application. (5 - 6 marks)
b) A UML class diagram that shows the design of your Java application (4 marks).	Incomplete class diagram with a lot of missing information compared to source code (such as missing classes/interfaces, relationships between classes/interfaces) or incorrect information, use of wrong UML notations, and does not indicate which classes/interfaces are involved in which design pattern. (0 – 1 mark)	The class diagram is partially complete and partially correct with mostly correct use of UML notations, and shows which classes/interfaces are involved in which design pattern. (2 - 3 marks)	Shows all the classes/interfaces, proper relationships (composition, aggregation, inheritance, association, etc) between classes/interfaces, use of correct UML notations. The class diagram also clearly shows which classes/interfaces are involved in which design pattern. (4 marks)
c) Explanation on the overall design of your application by referring to your UML class diagram in Item b) above. (2 marks)	Explanation does not reflect the UML class diagram. (0 marks)	Some explanation and/or partially clear explanation. (1 mark)	Sufficient and clear explanation which also includes the explanation on the classes/interfaces that are involved in each of the design pattern applied. (2 marks)
d) Justification on the suitability of each design pattern applied and the explanation on how each design pattern has been applied in the design of the	The following are for evaluating one design pattern. (5 design patterns x 4 marks each = 20 marks)		
	Unsuitable design pattern was applied or justification is weak (0 – 1 mark)	Partially acceptable justification on the suitability of the design pattern applied and partially acceptable explanation on how the	Good justification on the suitability of the design pattern applied and good explanation on how the design pattern has been

application and the related source code. (20 marks).		design pattern has been applied by referring to the related source code. (2 – 3 marks)	applied by referring to the related source code. (4 marks)
e) Citation and reference (2 marks)	No citation and/or references, inconsistent format, major errors in the references (0 marks)	Sufficient citation and references, consistent format, references with some errors (1 mark)	Sufficient citation and references, consistent format, references have no errors (2 marks)
f) Appendix containing the complete source code of your application. Your application should run without error when demonstrated in the group video presentation. (6 marks)	Incomplete source code in appendix, application cannot be executed though some parts of the code are correct. (0 – 2 marks)	Complete source code in appendix, some parts of the application can be executed without any error. (3 – 4 marks)	Complete source code in appendix, most parts of the application can be executed without any error. (5 – 6 marks)
Group Presentation (10%)			
Group Presentation Slides (2 marks)	Slides are of poor quality (too many words on a slide, images are not clear, font sizes are too small, inconsistent theme) (0 - 1 mark)	Slides are of moderate quality (reasonable number of words on a slide, clear images, reasonable font size, consistent theme) (1.5 marks)	Slides are of good quality (reasonable number of words on a slide, clear images, reasonable font size, consistent theme, attractive and professional) (2 marks)
Group Video Presentation - Complexity of materials presented (3 marks)	Content presented is very simple and/or very little. (0 - 1 mark)	Content presented is of moderate complexity and of sufficient amount. (2 marks)	Content presented is complex and of sufficient amount. (3 marks)
Group Video Presentation - Clarify and confidence (3 marks)	Content is not clearly conveyed and/or presentation flow is not smooth. Do not show face when doing presentation in video. (0 - 1 mark)	Content is mostly clearly conveyed and presentation flow is mostly smooth. Show face when doing presentation in video. (2 marks)	Content is clearly conveyed and presentation flow is smooth. Show face when doing presentation in video. (3 marks)
Group Video Presentation - Demonstration of system (2 marks)	Did not demonstrate the relevant part of the application or the demonstration proceeded with errors. (0 - 1 mark)	Adequate demonstration of the relevant part of the application with some minor errors. (1.5 marks)	Good demonstration of the relevant part of the application without any errors. (2 marks)