FRANKFURT UNIVERSITY OF APPLIED SCIENCES

Title

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1 Hermon Gimikael

1.1 Requirement1

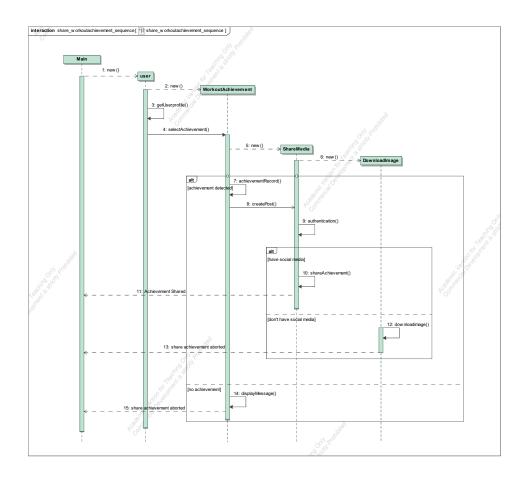




1.2 Requirement2



- 2 Howard-Yi Hong Soon
- 2.1 Requirement1



Magic Systems of Systems Architect, 1-1 C:\Users\School\Documents\Smart watch.mdzip share_workouta

Academic Version for Teaching Only, Commercial Development is strictly Prohibited



3 Jiwon Won

3.1 Requirement1

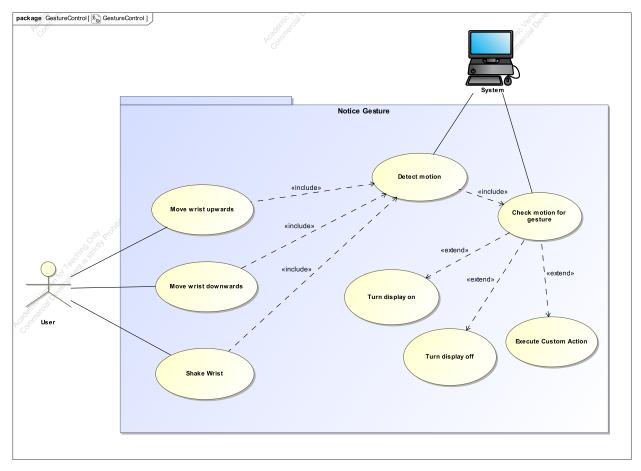




4 Lars Friese

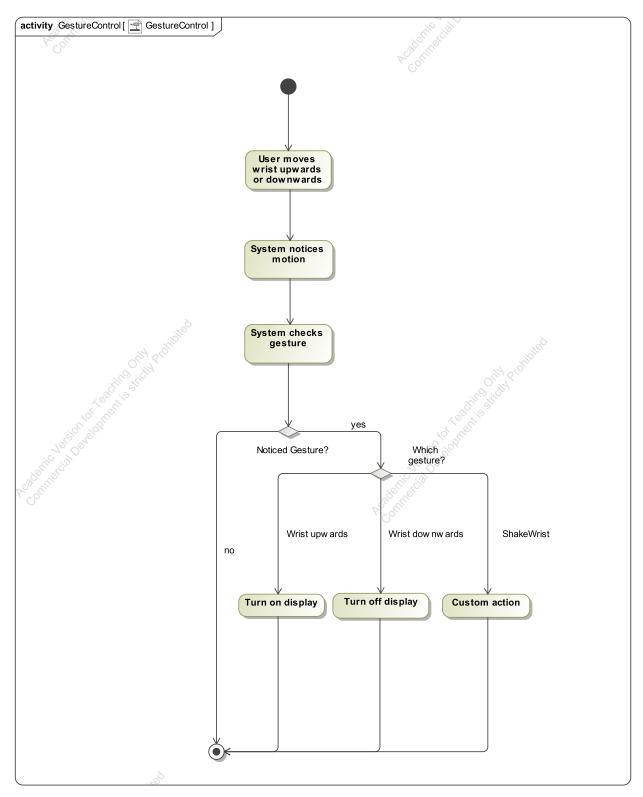
4.1 Requirement 10: Easy usability with Gesture Control

Name	Use gestures to execute actions on smartwatch				
ID	12				
Business Value	medium				
Description	When the user lifts his arm and turns his wrist the smartwatch display turns				
	on, when he lowers the arm the display turns of. Additionally the smartwatch				
	executes a costum gesture				
Trigger	User lifting/lowering arm and turning wrist or shaking his wrist				
Actors	User, System, Gyroscope Sensor				
Pre-conditions	Display is turned on/off				
Post-conditions	Display is turned on/off, App opened				
Basic Flow					
Description	This is the main scenario where the system recognizes the hand up movement				
Actions					
1	User raises arm				
2	System recognizes gesture				
3	Display turns on				
Alternative Flow	A				
Description	Actions				
	1				
	2				
Alternative Flow	В				
Description	Actions				
	1				
	2				
	3				
	4				
	5				



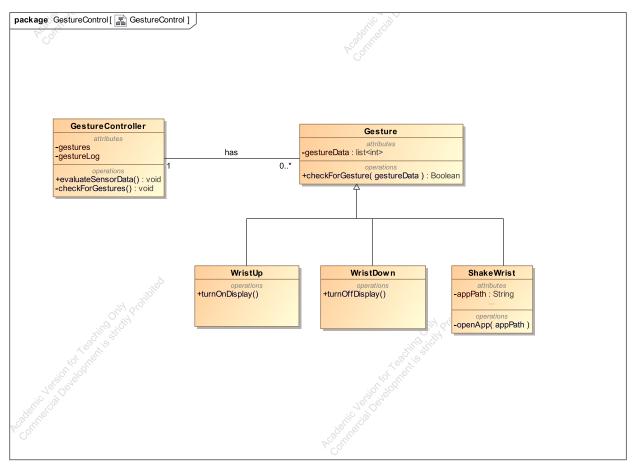
(a) Use Case Diagram

Example text 1 Example text 2



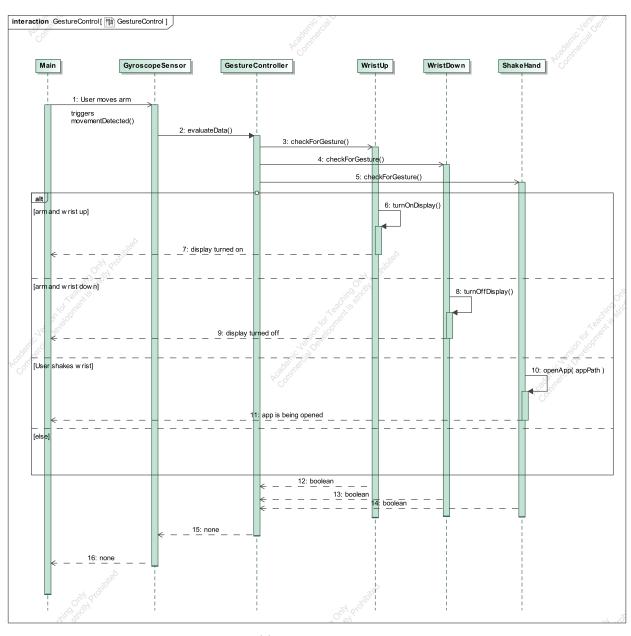
(a) Activity Diagram

Example text 3 Example text 4



(a) Class Diagram

Example text 5 Example text 6



(a) Sequence Diagram

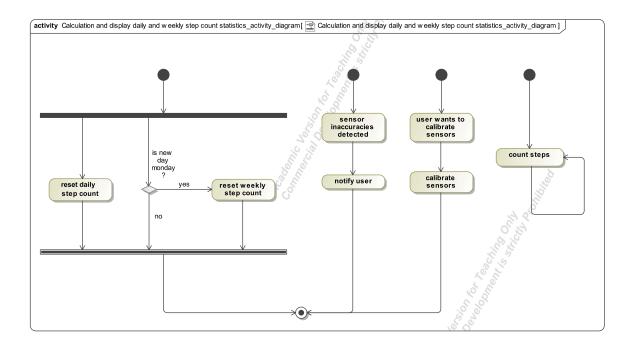
Example text 7 Example text 8

5 Marc Roemer

5.1 Requirement 9: Calculation and display daily and weekly step count statistics

UseCase

Activity Diagram



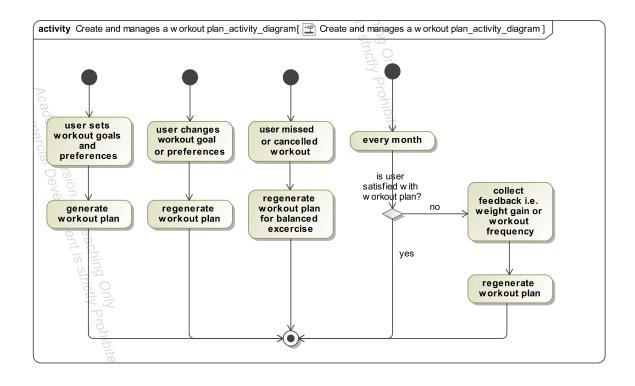
Sequence Diagram

Class Diagram

5.2	Requirement 10:	Create and	manages a	a workout	plan
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UseCase

Activity Diagram



UseCase Diagram

Sequence Diagram

Class Diagram

6 Stefan Nguyen

6.1 Requirement1



