

5verflow (Team 5) Project Planning

1. Project Description

Project Name	Secure Face ID			
Project Schedule	2021-05-31 ~ 2021-07-02			
Update Date	2021-06-21			
Project Members	Name	Role (Phase 1)	Role (Phase 2)	
	SeungWook Cha	Team Lead	Team Lead	
	SungJun Lee	Requirement	Doc. Anal.	
	DongHyuk Han	Infrastructure	Doc. Anal. & Test	
	WooLam Kang	SW Development	Impl. Anal. & Test	
YookYoung Choi	Requirement	Doc. Anal. & Test		
YoungJinn Lee	System Design	Impl. Anal. & Test		

2. Project Schedule

Green Box : 1st Planning  
Red Box : 2nd Planning  
V : Activity  
C : complete

Category	Item	Phase 1																Phase 2								Leading responsibility	Mandatory /Optional	Output	
		5/31	6/1	6/2	6/3	6/4	6/7	6/8	6/9	6/10	6/11	6/14	6/15	6/16	6/17	6/18	6/21	6/22	6/23	6/24	6/25	6/28	6/29	6/30	7/1				7/2
Project Planning	Project Planning (Phase 1)	V	V	V	C																						SW Cha	M	(Team 5) Project Planning.xlsx
	Project Planning (Phase 2)																										SW Cha	M	(Team 5) Project Planning.xlsx
Functional Requirement	Function Requirement Analysis					V	V	C																			YJ Lee	M	Preliminary Functional Requirement List
	Review					V	V	C																			YK Choi	M	Essential Functional Requirement List
Security Requirement	Asset List						V	C																			YK Choi	M	Asset List
	Threat Modeling					V	V	C																			SJ Lee, YK Choi	M	DFD (.tm file from Microsoft Threat Modeling tool) STRIDE
	Risk Assessment						V	C																			SW Cha	M	OWASP
	Mitigation						V	V	C																		SJ Lee	M	Mitigation Strategies
	Review								V	C																	All	M	Essential Security Requirement List
Development	Client - User interface							V	V	V	C																WL Kang	M	Source Codes
	Client - Security (TLS)								V	V	C																DH Han	M	Source Codes
	Server - Main Functionality							V	V	C																	WL Kang	M	Source Codes
	Server - Security (TLS)								V	V	C																DH Han	M	Source Codes
	Server - Secure Storage											V	V	V	C												YK Choi	M	Source Codes
	Open Source Vulnerability analysis												V	V	V	C											DH Han	O	open source vulnerability analysis report
	Static Analysis												V	V	V	C											WL Kang	O	static analysis report
Testing	Test Case										V	V	C														YK Choi	M	Test case list
	Function Test												V	V	C												YJ Lee	M	Function Test Case & Report
	Security Test														V	C											YJ Lee	M	Security Test Case & Report
Documents	Developer Guide											V	V	V	C												SJ Lee	M	Developer Artifacts and Documentaion
	Presentation											V	V	V	C												YJ Lee	M	Phase 1. Presentation
Analysis	Requirement Analysis of Team6																V	V	V	V	C						SJ Lee	-	Brief report for Requirements and considered threats
	Implementation Analysis of Team6																V	V	V	V	C						WL Kang	-	Questions to Team6 (if exist), Analyzed Diagrams
	Test Method Analysis																V	V	V	V	C						DH Han	-	List of Test methods
	Attack Scenario Listing																	V	V	V	V	C					All	-	Attack Scenario List for Team6's artifacts
Testing	Given Test Case																		V	V	C						YK Choi	-	Test case result
	Attack Scenario Attempt																		V	V	V	V	V	C			All	-	Attack Method & Result Report
	Penetration Test																				V	V	V	C			DH Han	-	Penetrate method and result
Results	Test Results Analysis																					V	V	C			YJ Lee	-	Attack Result Analysis
	Secure Recommendations																						V	C			YJ Lee	-	Recommendations for mitigation Report

Documents	Final Report																V	V	C	SW Cha	M	Final Report for Overall Studio Project
	Presentation																V	V	C	WL Kang	M	Phase 2. Presentation

3. Role and Responsibility		
Category	Item	Responsibility
Presentation	Phase 1 Presentation	YJ Lee
	Phase 2 Presentation	WL Kang
Phase 1	Chapter 1. Project Overview	SW Cha
	Chapter 2. System Description	DH Han
	Chapter 3. Threat Modeling	SJ Lee, YK Choi
	Chapter 4. Risk Assessment	SW Cha
	Chapter 5. Mitigation	SJ Lee
	Chapter 6. Security Requirement	YJ Lee
	Chapter 7. Implementation	DH Han, WL Kang
	Phase 2	Requirement Analysis
	Implementation analysis	WL Kang, SW Cha
	Test Method Analysis	DH Han, YJ Lee
	Attack Scenario Listing	All
	Given Test Case	YK Choi
	Attack Test	All
	Penetration Test	DH Han
	Result Analysis and Mitigation Rec	YJ Lee

## 5overflow (Team 5) Project Planning

## 1. Project Description

Project Name	Secure Face ID	
Project Schedule	2021-05-31 ~ 2021-06-18	
Update Date	2021-06-17	
Project Members	Name	Role
	SeungWook Cha	Team Lead
	SungJun Lee	Requirement
	DongHyuk Han	Infrastructure
	WooLam Kang	SW Development
	YooYoung Choi	Requirement
	YoungJinn Lee	System Design

## 2. Project Schedule

Green Box : 1st Planning  
Red Box : 2nd Planning  
V : Activity  
C : complete

Category	Item	Phase 1																Phase 2										Leading Responsibility	Mandatory /Optional	Output
		5/31	6/1	6/2	6/3	6/4	6/7	6/8	6/9	6/10	6/11	6/14	6/15	6/16	6/17	6/18	6/21	6/22	6/23	6/24	6/25	6/28	6/29	6/30	7/1	7/2				
Project Planning	Project Planning (Phase 1)	V	V	V	C																						SW Cha	M	(Team 5) Project Planning.xlsx	
	Project Planning (Phase 2)																										SW Cha	M	(Team 5) Project Planning.xlsx	
Funcional Requirement	Function Requirement Analysis					V	V	C																			YJ Lee	M	Preliminary Functional Requirement List	
	Review					V	V	C																			YK Choi	M	Essential Functional Requirement List	
Security Requirement	Asset List						V	C																			YK Choi	M	Asset List	
	Threat Modeling					V	V	C																			SJ Lee, YK Choi	M	DFD (.tm file from Microsoft Threat Modeling tool) STRIDE	
	Risk Assessment						V	C																			SW Cha	M	OWASP	
	Mitigation						V	V	C																		SJ Lee	M	Mitigation Strategies	
	Review								V	C																	All	M	Essential Security Requirement List	
Development	Client - User interface							V	V	V	C																WL Kang	M	Source Codes	
	Client - Security (TLS)								V	V	C																DH Han	M	Source Codes	
	Server - Main Functionality							V	V	C																	WL Kang	M	Source Codes	
	Server - Security (TLS)								V	V	C																DH Han	M	Source Codes	
	Server - Secure Storage												V	V	V	C											YK Choi	M	Source Codes	
	Open Source Vulnerability analysis													V	V	V	C										DH Han	O	open source vulnerability analysis report	
	Static Analysis												V	V	V	C											WL Kang	O	static analysis report	
Testing	Test Case										V	V	C														YK Choi	M	Test case list	
	Function Test												V	V	C												YJ Lee	M	Function Test Case & Report	
	Security Test														V	C											YJ Lee	M	Security Test Case & Report	
Documents	Developer Guide											V	V	V	C												SJ Lee	M	Developer Artifacts and Documentaion	
	Presentation											V	V	V	C												YJ Lee	M	Phase 1. Presentation	

### 3. Role and Responsibility

Category	Item	Responsibility
Presentation	Phase 1 Presentation	WL Kang
	Phase 2 Presentation	YJ Lee
Documentation	Chapter 1. Project Overview	SW Cha
	Chapter 2. System Description	DH Han
	Chapter 3. Threat Modeling	SJ Lee, YK Choi
	Chapter 4. Risk Assessment	SW Cha
	Chapter 5. Mitigation	SJ Lee
	Chapter 6. Security Requirements	YJ Lee
	Chapter 7. Implementation	DH Han, WL Kang

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5verflow (Team 5) Project Planning																						
1. Project Description																						
Project Name	Tartan Secure Camera Application																					
Project Schedule	2021-05-31 ~ 2021-06-18																					
Update Date	2021-06-07																					
Project Members	Name	Role																				
	SeungWook Cha				Team Lead																	
	SungJun Lee				Requirement																	
	DongHyuk Han				Infrastructure																	
	WooLam Kang				SW Development																	
	YooKyoung Choi				Requirement																	
YoungJinn Lee				System Design																		
2. Project Schedule																						
Category	Item	Due date (KST)															Leading Responsibility	Mandatory /Optional	Output			
		5/31	6/1	6/2	6/3	6/4	6/7	6/8	6/9	6/10	6/11	6/14	6/15	6/16	6/17	6/18						
Project Planning	Project Planning	V	V	V	V												SW Cha	M	(Team 5) Project Planning.xlsx			
Functional Requirement	Function Requirement Analysis					V	V	V									YJ Lee	M	Preliminary Functional Requirement List			
	Review					V	V	V									YK Choi	M	Essential Functional Requirement List			
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	Threat Modeling					V	V	V									SJ Lee, YK Choi	M	DFD (.tm file from Microsoft Threat Modeling tool) STRIDE			
	Risk Assessment						V	V									SW Cha	M	OWASP			
	Mitigation						V	V	V								SJ Lee	M	Mitigation Strategies			
	Review								V	V							All	M	Essential Security Requirement List			
Development	Client - Main Functionality							V	V								WL Kang	M	Source Codes			
	Client - Security								V	V							DH Han	M	Source Codes			
	Server - Main Functionality																WL Kang	M	Source Codes			
	Server - Security								V	V							DH Han	M	Source Codes			
	Open Source Vulnerability analysis																DH Han	O	open source vulnerability analysis report			
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3. Role and Responsibility																						
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Documentation	Chapter 1. Project Overview	SW Cha																				
	Chapter 2. System Description	DH Han																				
	Chapter 3. Threat Modeling	SJ Lee, YK Choi																				
	Chapter 4. Risk Assessment	SW Cha																				
	Chapter 5. Mitigation	SJ Lee																				
	Chapter 6. Security Requirements	YJ Lee																				
	Chapter 7. Implementation	DH Han, WL Kang																				