

[산학 프로젝트]

1st Build – Development Statement

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Property : Software

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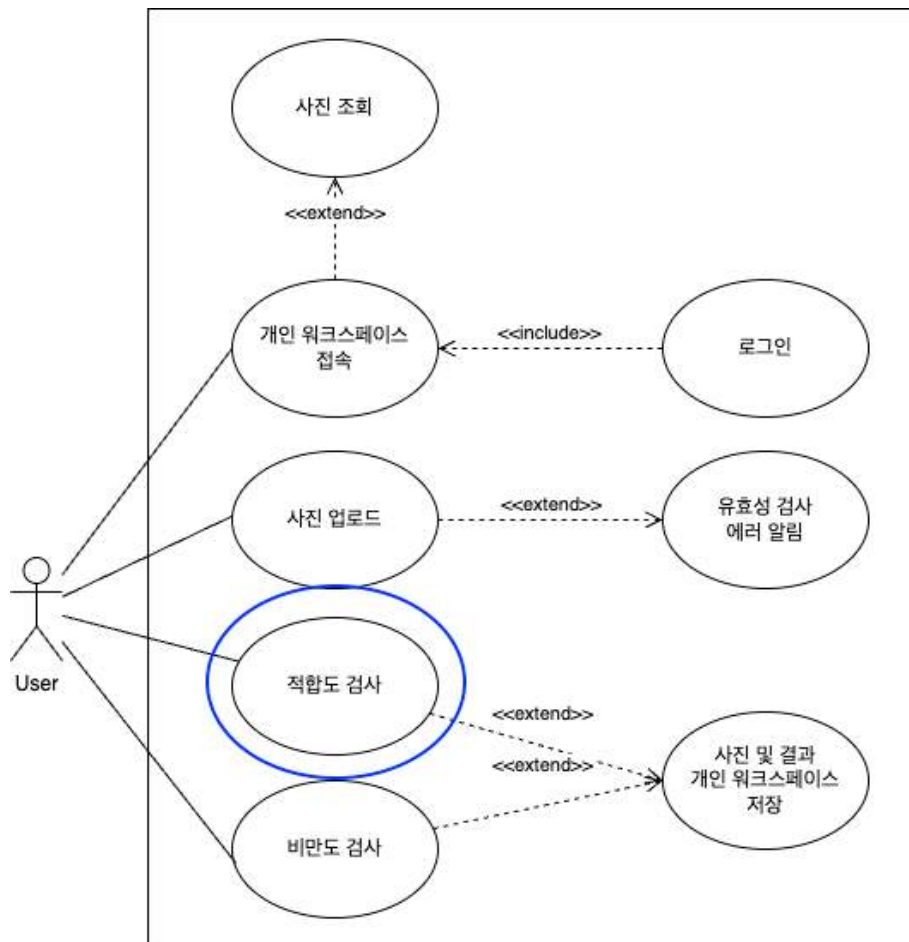
1. Development Overview

Task Number	Task Name	Person in Charge	Start Date	End Date	Remarks
FR01	Website Design	Seunghwan Yu	October 26	October 30	
FR02	Data Analysis	Seungju Oh	October 26	November 1	
FR03	Suitability Model Training	Gunyoung Ko	October 28	-	
FR04	Workspace	Seunghwan Yu	October 30	November 5	

2. Analysis Specification

2.1 Feature Specification

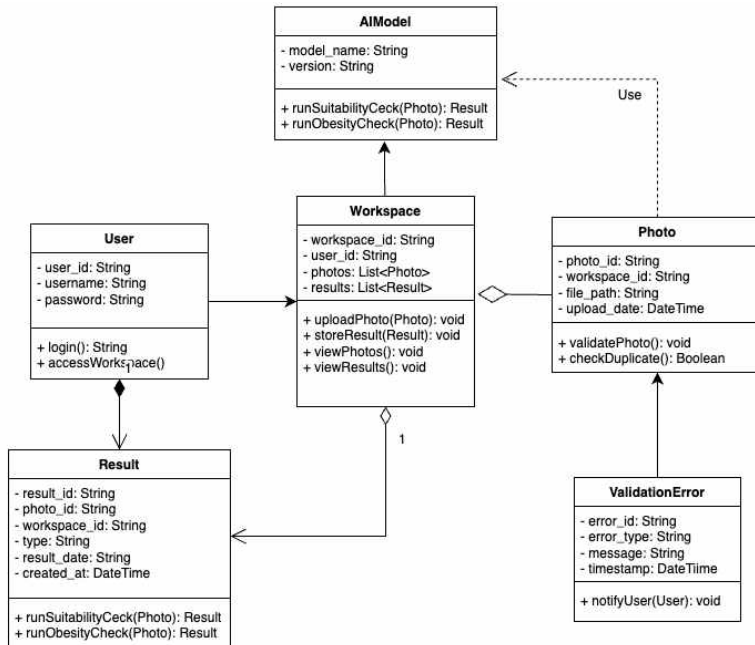
(1) Use Case Diagram (Total System)



(2) Use Case description (Implementation System)

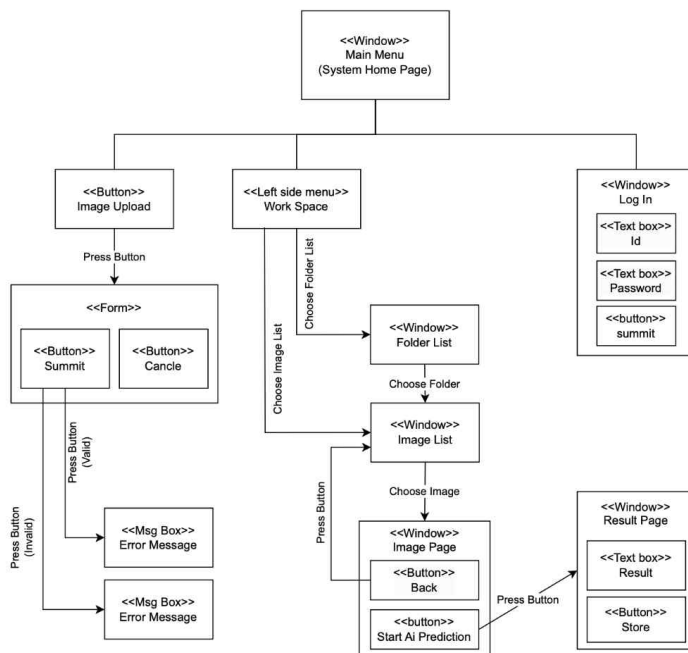
Use Case Name	Suitability Check	ID	UC-06	Importance Level	High
Primary Actor	User	Use Case Type		Detail, Essential	
Stakeholders	User				
Brief Description	User participates in the project.				
Trigger	When User wants to participate in the project				
Relationships	Association : User extend : UC (View Photo Results and Save to Personal Workspace)				
Normal Flow of Event (Normal Scenario)					
1. The user selects a photo. 2. The user requests a suitability check. 3. The system performs the suitability check. 4. The system judges the result. 5. If the system determines that the result is suitable: - S-1: Move to the suitable judgment Sub Flow. 6. If the system determines that the result is not suitable: - S-2: Move to the unsuitable judgment Sub Flow. 7. End use case.					
Sub_Flow					
[S-1] 1. The system displays a suitable message to the user. 2. The system provides the user with a save result button. 3. The user clicks the save result button. 4. The system saves the result in the workspace.					
[S-2] 1. The system displays an unsuitable message to the user. 2. Return to step 1 of the Normal Flow.					
Alternative / Exception Flow					

2.2 Structural Specification (Implementation System)

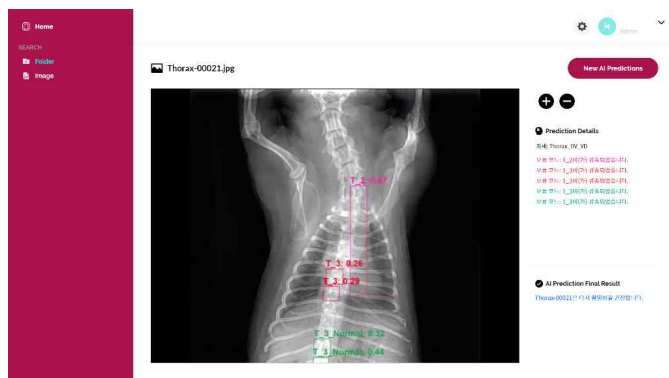


3. Design Specifications

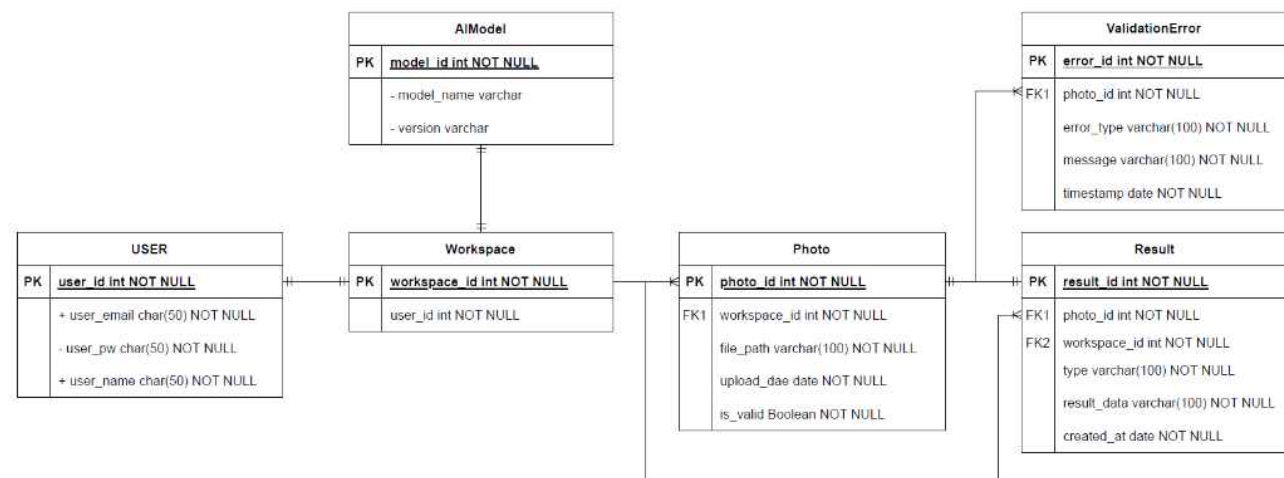
3.1 Menu Deployment (Implementation System)



3.2 User Interface Design (Implementation System)



3.3 Data Design (Implementation Systems)



4. Test data and results

MUT	Test_Method() or Implemented Function Name Tid Test Input / Test Scenario			
Tid	Test Input / Test Senario	Expected Result	Actual Result	Test Status
T1	uploadPhoto(photo : Photo)	Upload a new photo to the workspace	The new photo is successfully uploaded to the workspace and added to the list	Pass
T2	runSuitabilityCheck(photo : Photo)	Input a valid photo for suitability check	Suitability check result is generated	Pass
T3	viewResults()	View test results stored in the workspace	The list of saved test results is returned	Pass