

SPRS-8 Feature Document

Users should have 3 cameras to get data from their car

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Project: SPARSE

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 **SPRS-8** - Users should have 3 cameras to get data from their car DONE

Description

As a User I would like to have 3 cameras **so that** I can obtain image data for the AI.

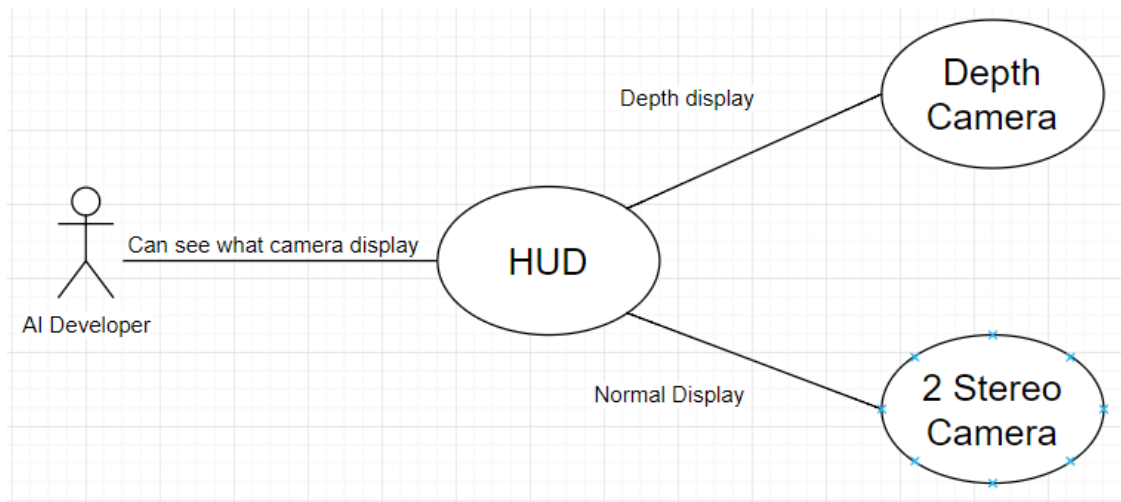
Acceptance Criteria

- 2 Stereo cameras on front of car (headlight area).
- 1 Depth camera in the center front of the car.

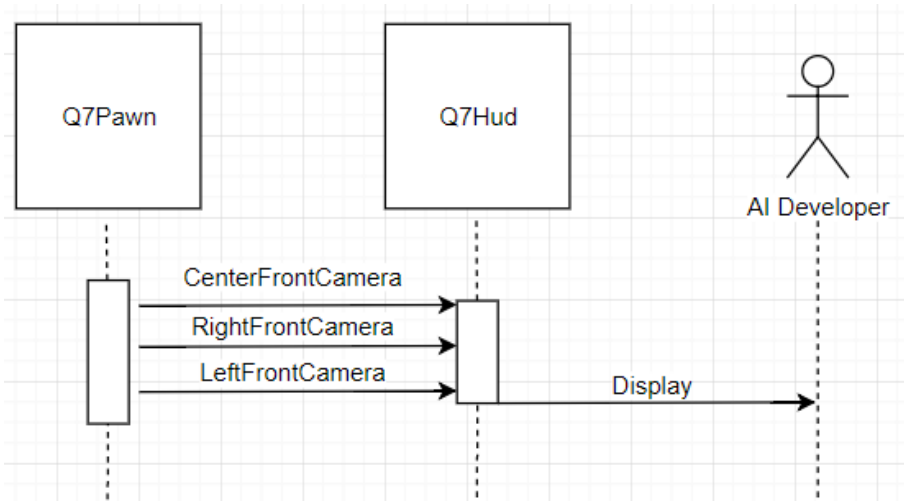
Use Case

- Name: 3 Frontal Cameras
- Actor: AI Developer
- Preconditions: Camera Objects exist in the pawn model.
- Description <Flow of events>: When the car pawn loads, three front camera views would show up in the HUD.

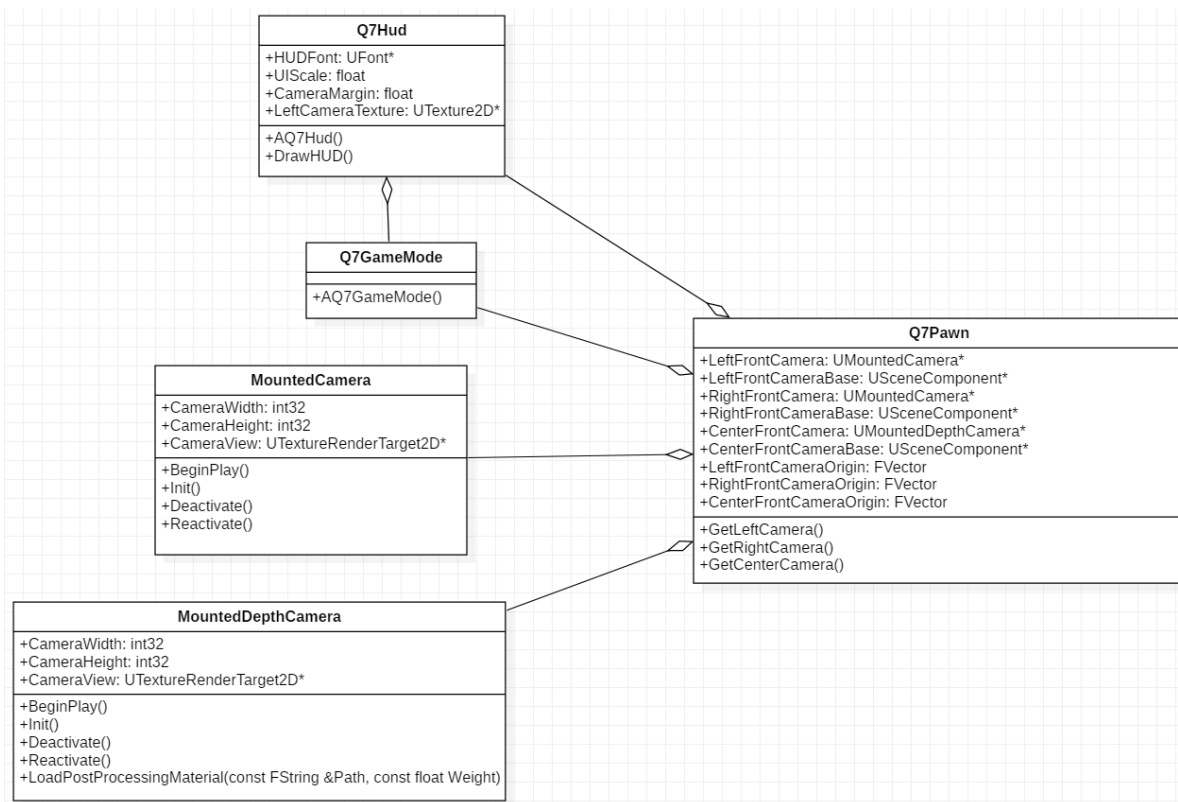
Use Case Diagram



Sequence Diagram



Class Diagram



Unit Test

- Test case ID: SPRS-8-A
- Description/Summary of Test: When the project starts and the car pawn loads, 3 camera views should display in the HUD.
- Pre-condition: Camera object exist within the model.
- Expected Results: Camera display.
- Actual Result: Camera display.
- Status (Fail/Pass): Pass

Visual User Guide

