

# TRACEABILITY REPORT

Vending Machine

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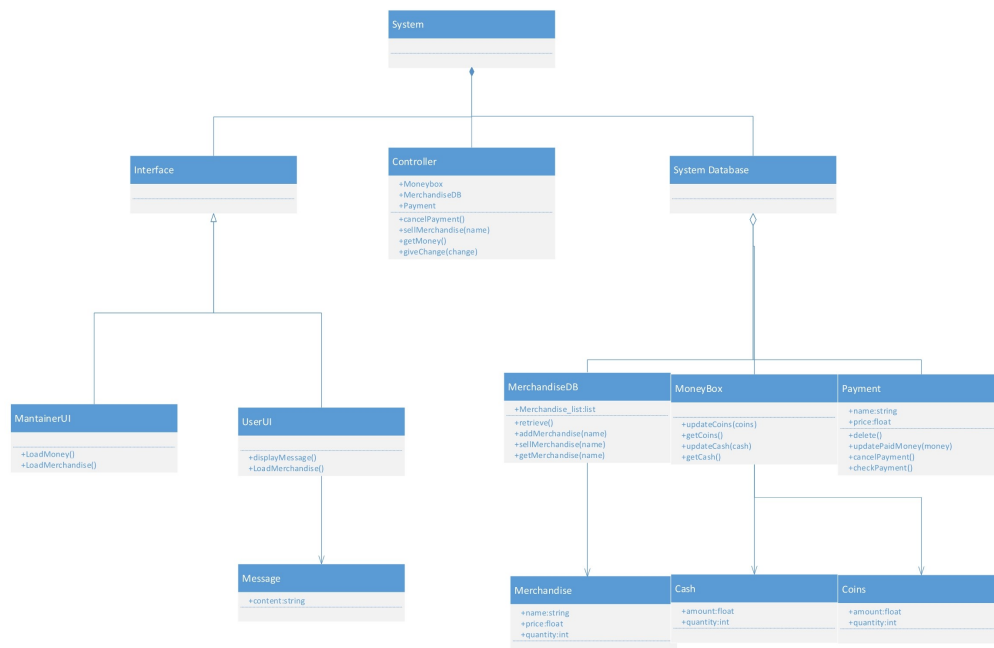
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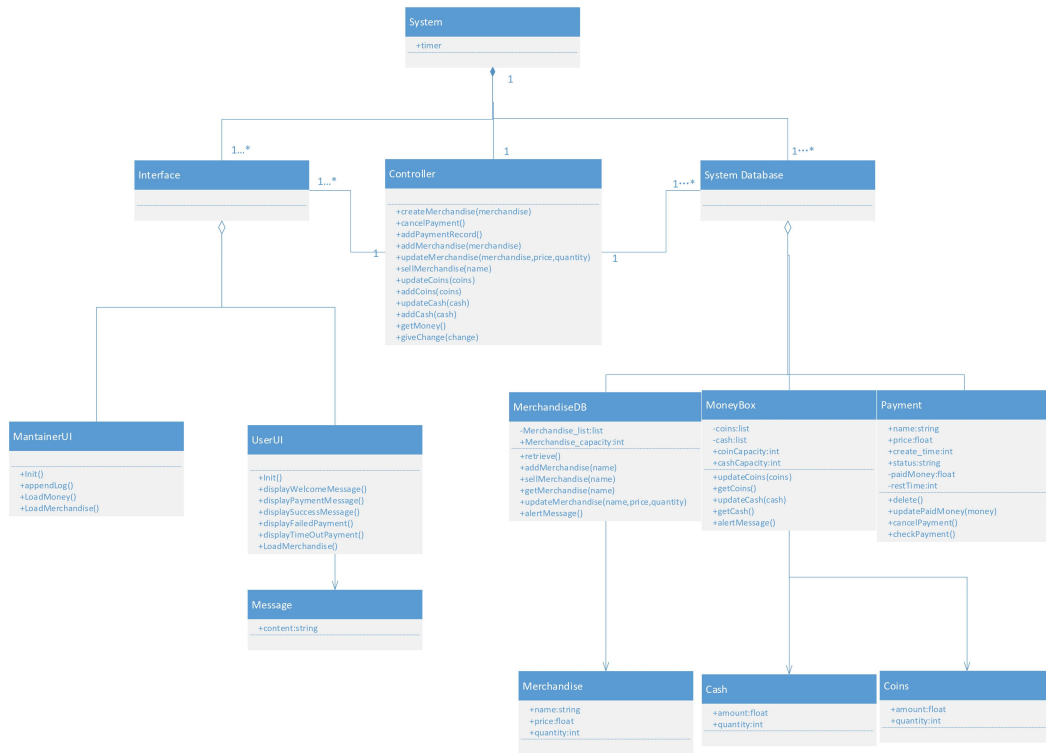
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## System Architecture

The system architecture is shown below:



Class diagram at requirement stage



Class diagram for actual implementation

## Software Traceability

Requirement	Implemented by	Validated by
<b>R1 User UI</b>	S1	
<b>R1.1</b>	S1.1	
R1.1.1	S1.1	
R1.1.2	S1.1	
<b>R1.2</b>	S1.2	
R1.2.1	S1.2	
R1.2.2	S1.2	
<b>R1.3</b>	S1	
R1.3.1	S1.1	
R1.3.2	S1.1	
R1.3.3	S1.3	
R1.3.4	S1.2	
R1.3.5	S1.2	
R1.3.6	S1.3	
R1.3.7	S1.4	
<b>R1.4</b>	S1.4	
<b>R2 Maintainer UI</b>	S2	
<b>R2.1</b>	S2.1	
R2.1.1	S2.1	
R2.1.2	S2.1	
<b>R2.2</b>	S2.2 S2.5 S2.6	
R2.2.1	S2.2	
R2.2.2	S2.5 S2.6	
<b>R2.3</b>	S1.2 S1.3 S3.2	
R2.3.1	S3.2	
R2.3.2	S1.2 S1.3	
<b>R2.4</b>	S2.3 S2.4	
R2.4.1	S2.3	
R2.4.2	S2.4	
R2.4.3	S2.4	

Requirement	Implemented by	Validated by
<b>R2.5</b>	S2.6	
R2.5.1	S2.6	
R2.5.2	S2.6	
R2.5.3	S2.6	
R2.5.4	S2.6	
R2.5.5	S2.6	
<b>R3 Controller</b>	S3	
<b>R3.1</b>	S1.1 S3.2	
R3.1.1	S1.1	
R3.1.2	S1.1	
R3.1.3	S1.1 S3.2	
<b>R3.2</b>	S1.2 S3.1	
R3.2.1	S1.2	
R3.2.2	S1.2	
R3.2.3	S3.1	
<b>R3.3</b>	S1.4 S3.1	
R3.3.1	S3.1	
R3.3.2	S1.4 S3.1	