

Listener/frontend

ID	GIVEN	WHEN	THEN	CLIENT ACCEPTANCE
01	HL7 v2.x message	When message sent	Message is received and parsed and confirmation message is sent back to sender	yes
02	HL7 v2.x message	parsed	Message tree structure is created	yes
03	HL7 v2.x message	sorted	Parsed message is stored in JSON OBJECTS attributes	yes
04				
05				
06				

Backend

ID	GIVEN	WHEN	THEN	CLIENT ACCEPTANCE
01	JSON OBJECTS Of HL7 v2.8 message	Sent to backend	They are stored in sql database	yes
02	JSON OBJECTS Of HL7 v2.8 message	When pid not in database	All message information stored	yes
03	JSON OBJECTS Of HL7 v2.8 message	When pid in database(A01)	Visit inserted	yes
04	JSON OBJECTS Of HL7 v2.8 message	When pid in database(A03)	Visit updated	yes
05	JSON OBJECTS Of HL7 v2.8 message	When pid in database(A08)	All message fields updated in database	yes

ID	GIVEN	WHEN	THEN	CLIENT ACCEPTANCE
01	Sign in screen	Proper user and password	Signed in	yes
02	Sign in screen	Incorrect user or password	Error message	yes
03	Search screen	Name given	Returns results	yes
04				
05				

GUI