

- **Area of Difficulty:** Regarding Project,. I found testing of all the Use cases is the hardest part of the project because I didn't follow the Test Driven Development (TDD) methodology during working with the project. Reason being I started late and I wanted to finish all the Use cases of the project and ignored Unit test at initial phase of the project. This resulted in me able to unit test only the Entity classes and left with testing the Use Cases.
- **Status of Assignment:** Completed (missing Unit test for Use cases).
- **Lines of Code:** 2245
- **Unit Test Coverage:**

JaCoCoCoverage analysis of project "VIN" (powered by JaCoCo from EcjEmma) > default [Source Files](#) [Sessions](#)

default

Element	Missed Instructions	Cov.	Missed Branches	Cov.	Missed	Cxty	Missed	Lines	Missed	Methods	Missed	Classes
Wine		100%		83%	1	21	0	49	0	18	0	1
ObjectResponse		100%		100%	0	5	0	16	0	3	0	1
NoShipList		100%		n/a	0	2	0	14	0	2	0	1
WineVariety		100%		n/a	0	4	0	4	0	4	0	1
Address		100%		n/a	0	6	0	16	0	6	0	1
AR		100%		75%	1	5	0	9	0	3	0	1
AVV		100%		50%	1	4	0	9	0	3	0	1
Note		96%		50%	4	18	3	47	0	14	0	1
Receipt		95%		50%	4	16	2	32	0	12	0	1
MonthlySelectionType		95%		n/a	1	5	1	8	1	5	0	1
MonthlySelection		83%		12%	5	17	6	39	1	13	0	1
IdGenerator		83%		n/a	1	5	1	6	1	5	0	1
ShipmentStatus		81%		n/a	2	4	0	4	2	4	0	1
WineType		81%		n/a	2	4	0	4	2	4	0	1
Validator		80%		44%	17	35	21	76	1	19	0	1
Shipment		80%		42%	8	24	8	51	2	18	0	1
Admin		79%		50%	2	8	5	20	1	7	0	1
Subscriber		75%		36%	14	37	22	103	3	26	0	1