



UNIVERSITY OF GOTHENBURG

9<sup>th</sup> of January 2026

# Project Charts

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## Inventory

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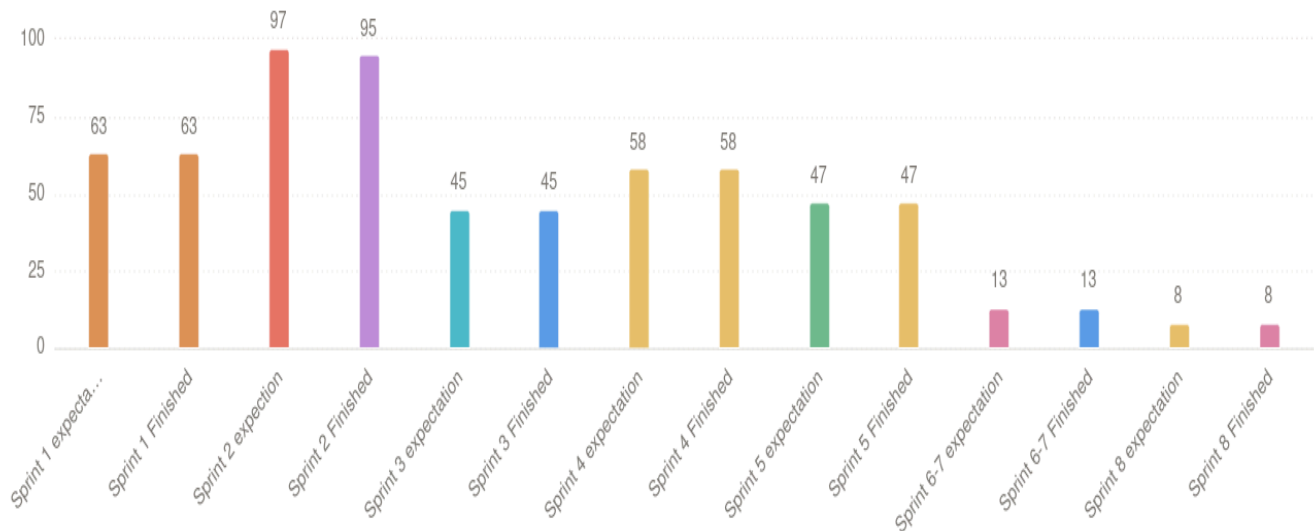
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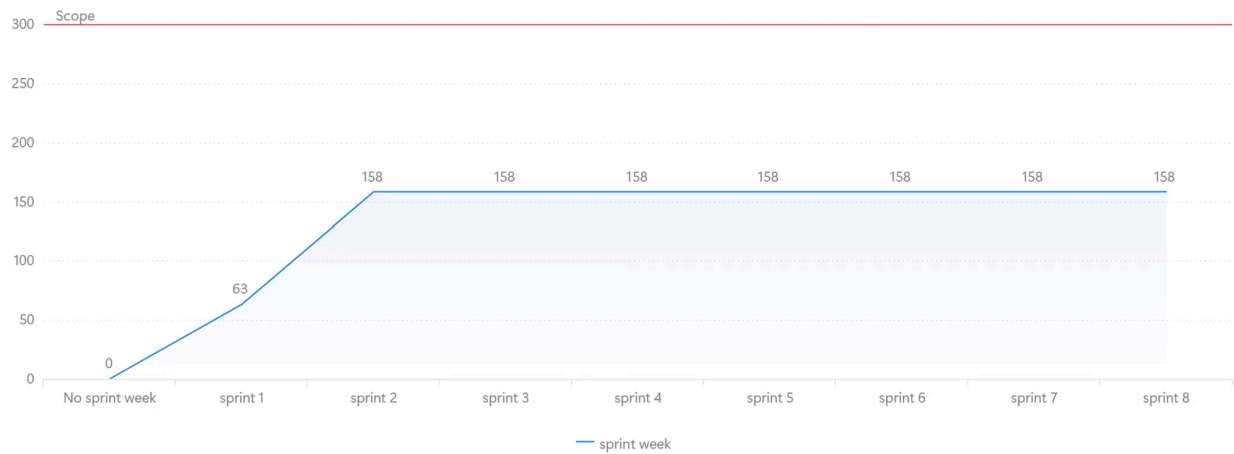
This document contains Scrum team 3 sprint performance metrics for the duration of the 8 week Inventory Management System project. The charts included Velocity, Burnup, Burndown and Agile Earned Value to provide visual aid in analysing the teams delivery patterns and project lifetime health.

Velocity over the project



Burnup charts

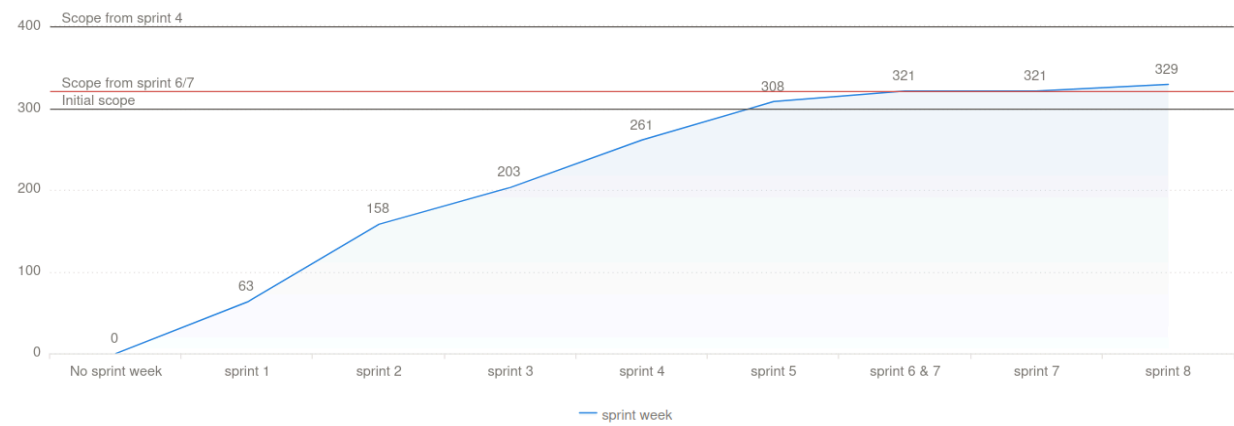
Sprint 1-2



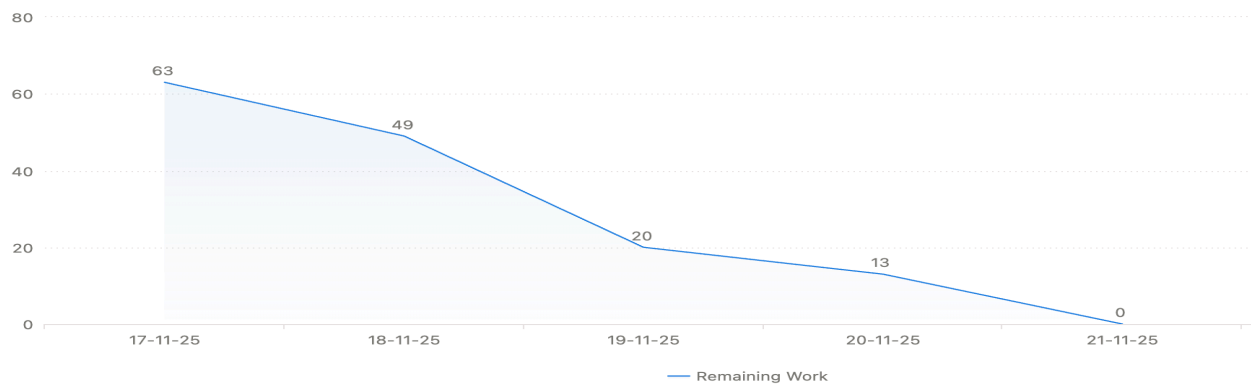
Sprint 3



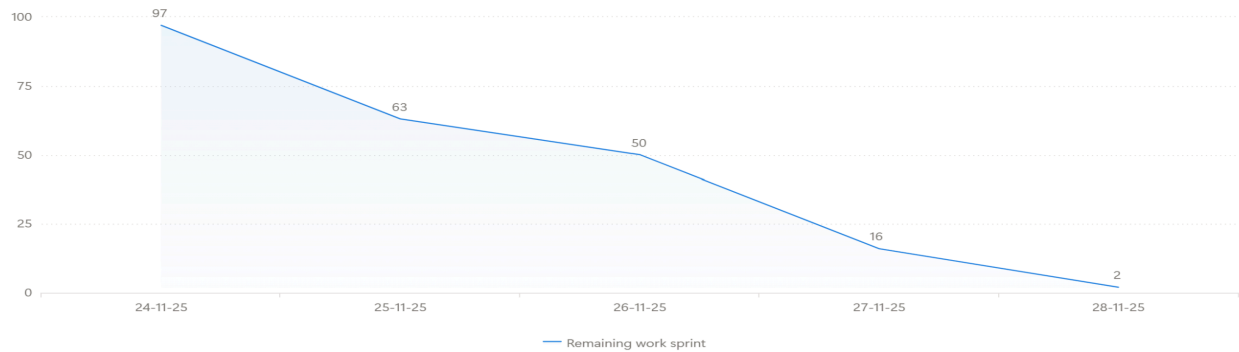
sprint 4-8



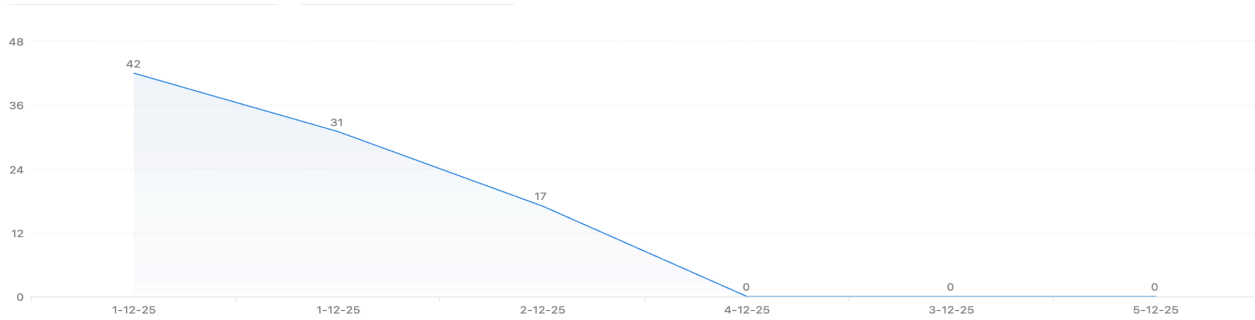
Burndown charts



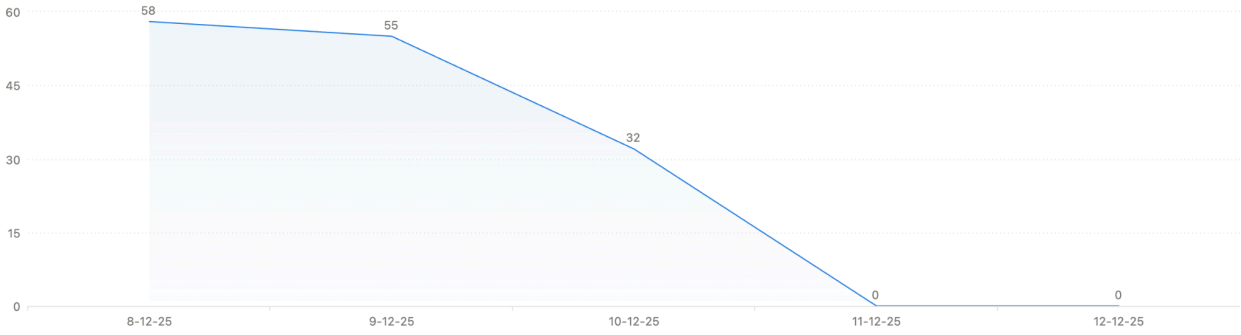
Sprint 1



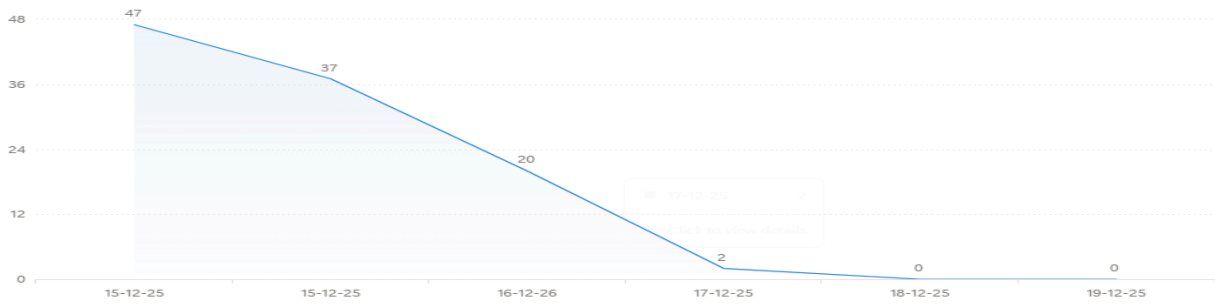
Sprint 2



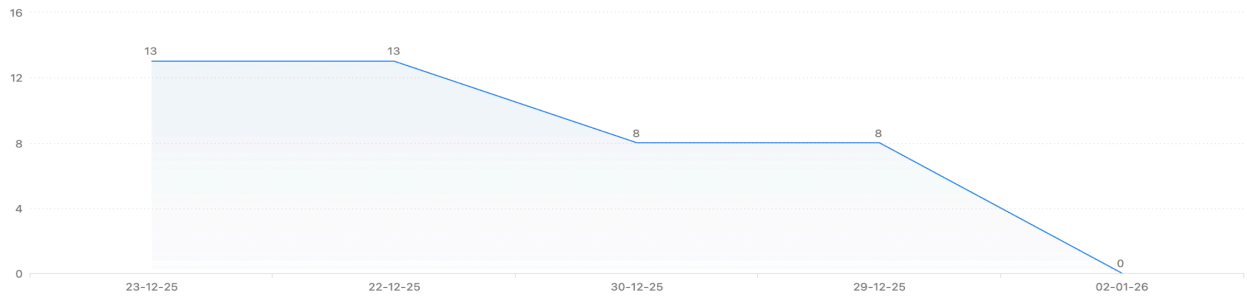
Sprint 3



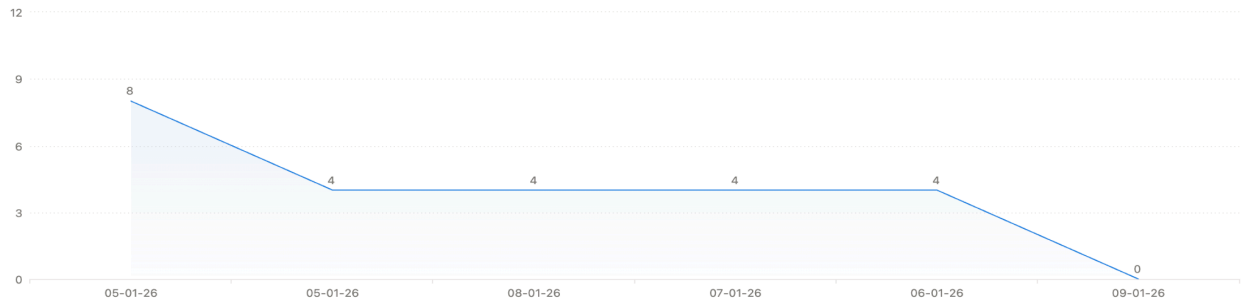
Sprint 4



Sprint 5



Sprint 6/7

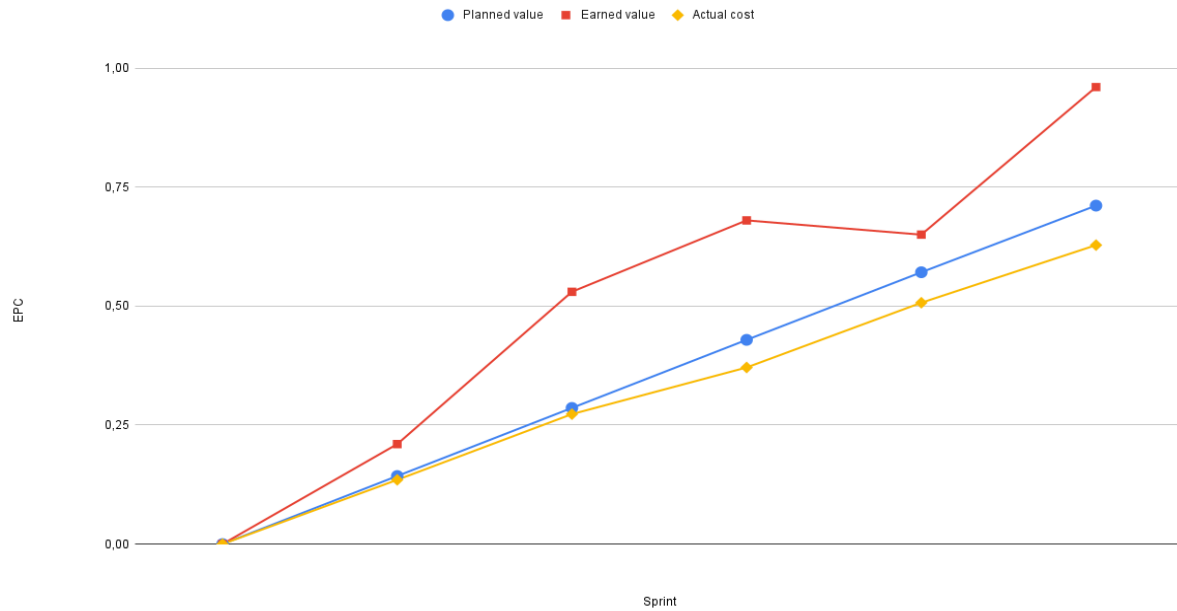


Sprint 8

## Earned value charts

### Sprint 5 agile earned value

Agile Earned Value

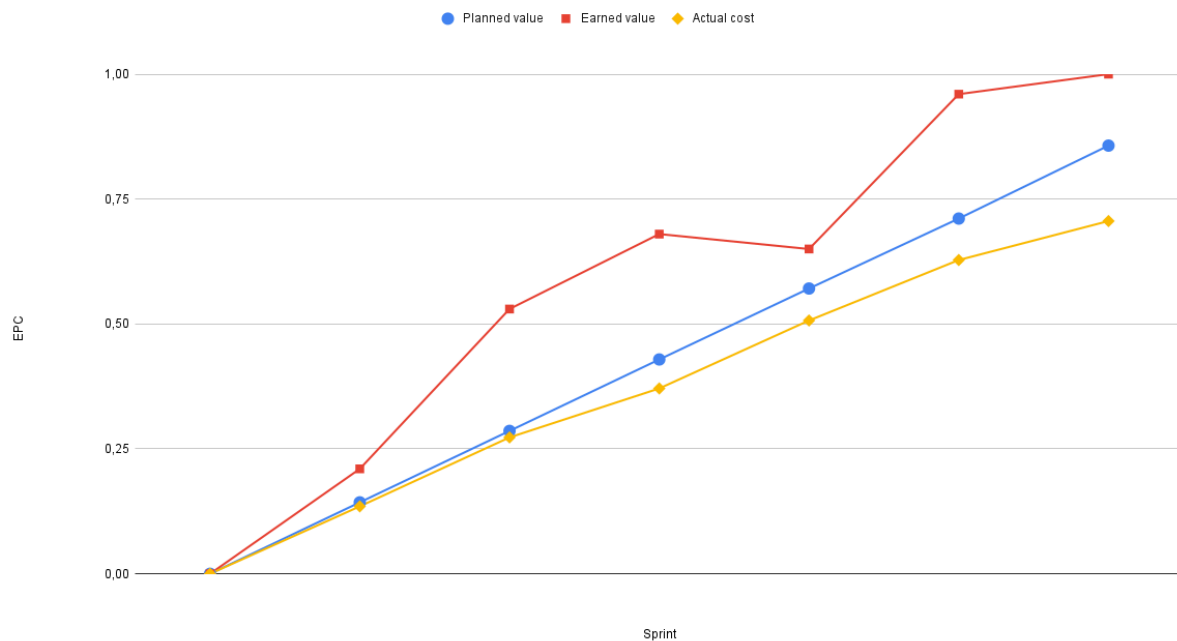


### data for earned value chart

Sprint	Sprint 1	Sprint 2	Sprint 3	Sprint 4	Sprint 5	Sprint 6 & 7
Budget per sprint (h)	140	140	140	140	140	140
Story points at start	300					
Actual story points ( + scope floor )	300	300	300	400	320	321
Story point price (h)	3,7	3,7	3,7	2,5	3,1	3,05
Scope floor	0	0	0	100	20	1
BAC	980	980	980	980	980	980
Story points planned	63	97	45	58	47	13
Story points planned backlogged	237	140	95	137	10	-2
Story points (cumulative)	63	160	205	263	310	323
EPC	14,30%	29%	42,90%	57%	71,10%	85,70%
Story points done	63	95	45	58	47	13
Story points done backlogged	237	142	97	139	12	0
Story points done (cumulative)	63	158	203	261	308	321
APC	21%	53%	68%	65%	96%	100%
PV	140,1	284,2	420,4	558,6	696,8	839,9
EV	205,8	519,4	666,4	637	940,8	980
AC (h)	132	136	96	133	118	77
AC (cumulative)	132	268	364	497	615	692
AC %	13,50%	27,30%	37,10%	50,70%	62,80%	70,60%
SV (h)	65,7	235,2	246	78,4	244	140,1
CV	73,8	383,4	570,4	504	822,8	903
SPI	1,47	1,83	1,59	1,14	1,35	1,17
CPI	1,56	3,81	6,94	4,79	7,97	12,7
Comments						

## Sprint 6-7 charts earned value chart:

Agile Earned Value

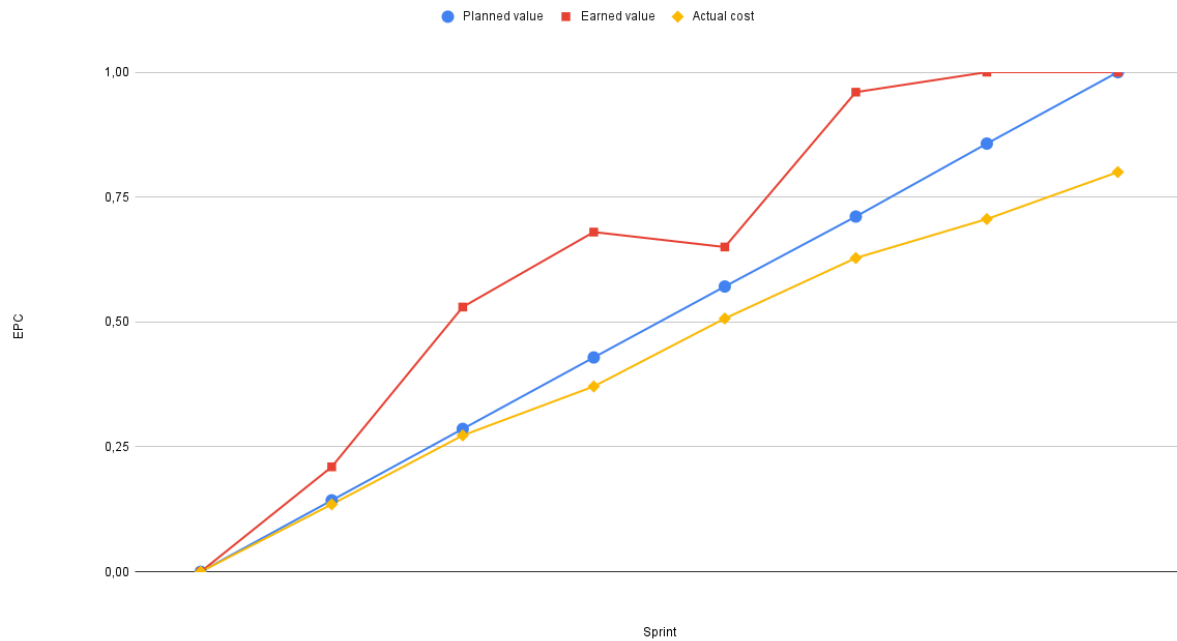


## All values of agile earned value chart:

Sprint	Sprint 1	Sprint 2	Sprint 3	Sprint 4	Sprint 5	Sprint 6 & 7
Budget per sprint (h)	140	140	140	140	140	140
Story points at start	300					
Actual story points ( + scope floor )	300	300	300	400	320	321
Story point price (h)	3,7	3,7	3,7	2,5	3,1	3,05
Scope floor	0	0	0	100	20	1
BAC	980	980	980	980	980	980
Story points planned	63	97	45	58	47	13
Story points planned backlogged	237	140	95	137	10	-2
Story points (cumulative)	63	160	205	263	310	323
EPC	14,30%	29%	42,90%	57%	71,10%	85,70%
Story points done	63	95	45	58	47	13
Story points done backlogged	237	142	97	139	12	0
Story points done (cumulative)	63	158	203	261	308	321
APC	21%	53%	68%	65%	96%	100%
PV	140,1	284,2	420,4	558,6	696,8	839,9
EV	205,8	519,4	666,4	637	940,8	980
AC (h)	132	136	96	133	118	77
AC (cumulative)	132	268	364	497	615	692
AC %	13,50%	27,30%	37,10%	50,70%	62,80%	70,60%
SV (h)	65,7	235,2	246	78,4	244	140,1
CV	73,8	383,4	570,4	504	822,8	903
SPI	1,47	1,83	1,59	1,14	1,35	1,17
CPI	1,56	3,81	6,94	4,79	7,97	12,7
Comments						

## Sprint 8 earned value chart:

Agile Earned Value



## All values of agile earned value chart:

Sprint	Sprint 1	Sprint 2	Sprint 3	Sprint 4	Sprint 5	Sprint 6 & 7	Sprint 8
Budget per sprint (h)	140	140	140	140	140	140	140
Story points at start	300						
Actual story points ( + scope floor )	300	300	300	400	320	321	329
Story point price (h)	3,7	3,7	3,7	2,5	3,1	3,05	2,98
Scope floor	0	0	0	100	20	1	8
BAC	980	980	980	980	980	980	980
Story points planned	63	97	45	58	47	13	8
Story points planned backlogged	237	140	95	137	10	-2	-2
Story points (cumulative)	63	160	205	263	310	323	331
EPC	14,30%	29%	42,90%	57%	71,10%	85,70%	100%
Story points done	63	95	45	58	47	13	8
Story points done backlogged	237	142	97	139	12	0	0
Story points done (cumulative)	63	158	203	261	308	321	329
APC	21%	53%	68%	65%	96%	100%	100%
PV	140,1	284,2	420,4	558,6	696,8	839,9	980
EV	205,8	519,4	666,4	637	940,8	980	980
AC (h)	132	136	96	133	118	77	92
AC (cumulative)	132	268	364	497	615	692	784
AC %	13,50%	27,30%	37,10%	50,70%	62,80%	70,60%	80,00%
SV (h)	65,7	235,2	246	78,4	244	140,1	0
CV	73,8	383,4	570,4	504	822,8	903	888
SPI	1,47	1,83	1,59	1,14	1,35	1,17	1
CPI	1,56	3,81	6,94	4,79	7,97	12,7	10,7
Comments							