Opnro	DOKUMENTAATIO Määrittely 2p A) (12P) rkkitehtuuridok Käy	uttřohia 1n Ta	setauerink 2n	lavaDoc/Docet	ri Penneitorio 1n	TESTAUS (5p) Testaus 5p	TOTEUTUS (24p) Käli 4p Talle	nnettu tiel Kompleks	eun Kirigetot 1n	Palagea 1n	Laajuus 4p Ko	vodin laatu 4 Vir	haidan kösi Cha	rketula/Dy Ti	utha knodi -2n	Sovellus yht	YHT	Arvosan
01717	2	3	1	0	2	2 0.5	0	3.5	4	1	1 1	1 2	2.5	2	1	0	26.5	44.25	3 2
02281 02286	1.5	2.5 3.75	1	0.75	1.75	5 1	5 0.5	2 2		0.5	0 1	1 2 1 1.5	3	1	0.75	-0.25	27 22	41.75 36.00	2
02437 02875	1.5	1 4	0.75	2	1		3.5 4.5	4	4	2	1 1	1 2.5 1 2.5	2.5	2	0.5	-0.25	31.25 37.25	45.25 53.25	3
02936 03034	1 2	0.5	1	0.5	2	2 0.5	0.5	3	2		0 1	1 1	1.5	2	0	0	18.5 33.5	32.75 51.25	1 4
03585	2	3.5	0.5	2	2	2 1	5	3	2	2	1 1	1 3	4	2	1	0	35.5	54.50	5
03819	1 2	1.5	0.5	2	2		2 0	4	3	3	0 1	1 1.5 1 3.5	2.5 0.5	2	1 0	0	24.5	36.75 37.75	2
04565	2	2.5	1	1	1.75	5 1	2.5	3	4	2	1 1	1 3	3	2	1		31.75	48.00	4
04618 05427	2	2	0.5	0	2		0 4.5	3	3	1	0 1	1 1	2.5	2	0	-0.5 0	15.5 32.25	25.50 49.25	0
05769 05838	2 2	3.5 0.5	0.75	2 0.5	2		5	2.5	0	3	1 1	1 2.5	3.5	2	0.5	0	32.75 26.5	48.75 41.25	4
06041	2	4	1	2	1	1 1	5	3	2	2	1 1	1 3	4	2	1	0	35	48.25	4
06639 06968	2 2	0.5	1	0	1.5		0.5	2.5 2.5	2		0 1	1 2.5 1 1.5	3	2	0	-0.25	28 18.5	46.50 28.25	3
07369 07653	0.5	4 3.5	1	2 1.5	2	2 1	5 1.5	3 4	2	1 2	1 1	1 2	3	2 2	1	0	31.5 31.5	49.75 46.00	4
07886	1	3	1	2	2	2 1	5	4	2	3	1 1	1 4	2.5	2	0	0	34.5	50.50	4
08714 10910	2 2	4 3	1	2	2		2 4	3	3	1.5	0 1	1 1.5	4 2	2	1 0	0	29.75 34	45.25 48.00	3
10988	0	0	0.5	0	1.5		1	2	0			0 1	1	2	0	-0.5	9.5	20.25	0
11160 11316	2	3	1	1.5 0	2		5	3.5	3		0 1	1 3.75 1 2.5	3.5 4	2	1	0	35.75 33.5	51.25 51.25	4
11768 12403	2 2	1 4	1	1.5 1.5	2		2 2.5	2 3	2		0 1	1 1.5 1 2	4 3	2	1	0	24.75 28.5	41.50 46.75	2
12522	2	2.5	1	0.5	0.75	5 1	2.5	2.75		.25	0 1	1 1	2.5	1.5	1	0	23.25	40.25	2
12912 13277	2	3	1	2	1		1	3 4	0		0 0.5	5 2 1 3.75	1.5	0	0	-0.5	18 22.75	27.75 31.75	1
13611 14231	1.5	0.5 0.5	0.5 0.5	0	0.25		0 2.5	2.5	0 2		0 1	0 3	2.5	2	1	0	18 24	30.25 39.00	1 2
15347	2	3.5	1	2	2	2 1	5	3	3	2	1 1	1 3	4	2	1	0	36.5	54.25	5
16132 16828	2 2	4	1	1.5 2	1		2 4	4	4		0 1	1 3	3.5 4	1.5	0	0	31.5 33	48.25 51.75	4
17321 17425	1.5	2.5 3.5	1	1 0.5	1	1 1 2 0.5	1.5	3	4 3		0 1	1 2 1 1.5	3 4	1.5 1.5	1	0	26.25 30.5	44.00 45.25	3
19996	2	3.5	1	1.5	2	2 1	5	3	3	3	1 1	1 3	3	2	1	0	36	54.00	5
20038 20227	2	3.5	0.75	2	2		5 4	2 4	4	1	1 1	1 3	3.5 4	2	1	-0.25	34 33.25	51.25 49.00	4
23588 23814	2	3 1.5	1	2	1.5	2 1	4 1.5	2.5	0 3.5	1.5	1 1	1 2	4	2	0	0	29 22.5	42.00 33.50	3
24195	2	3.5	1	2	2	2 1	4.5	2	0	1	0	1 1	2	1	1	0	25	43.50	3
24462 24464	2	3.5	1	2	2	2 1	5	3	3	2	0 1	1 4	4	2	1	0	39.5 35.5	58.25 54.00	5
24935 25398	1.5	3	0.5	0	1.5		3.5	2 2.5	2 3.5		0 1	1 2	3 4	2	1	-0.5 -0.25	26.5 28.75	40.75 47.00	2
25965	1	1 0	1	1	1	1 1	3.5	3	2	2		0 2	2.5	1.5	0	-0.25	21.25	33.50	- 1
27801 27856	2	3.5	1	0.5	2		1.5	3	4		0 1	1 2	3.5 4	1.5	1	-0.25	31.75 25.75	49.00 32.25	1
28223 28883	2 2	3.5	1	1.5	1.75	5 0.5	5	3.75	4	2	0 1	1 2.5	4	2	1	0	35.5 40	52.25 58.75	4 5
29072	2	0.5	1	1.5	1	1 0	5	2	3	3	1 1	1 3	4	2	1	0	31	38.50	2
30705 30844	2	0.25	0	2	0.5		2 5	2.25	3 (1	0 1	0 2	3	1.75	0	-2 -0.5	21.5 21.25	35.00 27.50	0
31719 33259	2 2	3.5	1	2	2		5 2	4 2	2	3	1 1	1 4	4	1 0	1 0	-1	37 21.75	53.25 35.25	4
33711	1	3.5	i	0	- 1	1 0.5	0	3	3			0 1	1	1	1	-2	16	29.75	1
34947 35805	2 2	3.5	1	2	1.25		4.5 4.5	3	3 4	1	1 1	1 2	4 2	1.5	1	-0.25 -1	32.75 29.75	49.25 47.75	4
36172 36385	1 2	3.5	1 1	2 1.5	1.75		5 2.5	4	2	2 1.5	0 1	1 3	1 4	1 2	0	0	29.5 27	41.00 41.50	2
38175	2	4	1	2	2	2 1	4	3	3	1	1 1	1 2	4	2	1	-0.25	33.75	52.50	4
38405 40822	2 2	4	1	0.5	2		5 2	3	2	3	0 1	1 3	1.5	1.5	0.5	-0.25	37 26.75	53.00 43.50	3
41184 41705	2 2	1 3	1	0 1.5	2		3 5	2 4	0		0 1	1 2.5	4	2	1	0	24 37.5	41.00 52.50	2
41951	2	4	1	0.5	2	2 1	5	3	3	3	0 1	1 4	4	2	0	-0.5	35	52.00	4
42855 45221	1	1	0.5	0.5	1		5	2.5	0	3	0 1	1 4	2	1.5	0	0	37 15	56.00 24.75	5
45935 45979	2	2.5	1	0.25	2		2 4	2.5	3 2	1.5 1.5	0 1	1 1.5 1 2	2 3.5	2	0.5	-0.25	24.75 27.25	40.50 38.75	2
46811	2	0	0.25	0	(0 0	2	3	4	1	0 1	1 2.5	3	1	0.0	-0.25	19.5	32.00	1
47156 47437	2	0	1	1 2	2		5	3 4	2	2	1 1	1 2	4	2	1	0	23 38	36.00 56.75	5
47961 48055	2 2	4	1	0.25	2		5	3.5	3.5 4	3	1 1	1 4	4 3	2	1	0	38.25 37	54.50 54.50	5
54491	2 2	3.5	1	2	2		5	3	3 4	2	1 1	1 3.5	4	2	1	-0.25	36.75	54.75	5
54796 55239	2	3.9	1	1.5	2	2 1	5	4	4	3	1 1	1 2.5	3.5 4	1.5	1	-0.25 0	33.4 41	50.65 60.00	5
57666 59407	2	3.75 3.5	1	1.5	2		0 5	3.5	1.5	2	1 1	1 3	1.5	1.5	0.5	-1 -0.5	25.5 26.5	38.50 43.75	2
60276	0	0.5	0	0	2	2 1	3	1	0	1	1 1	1 1	4	2	- 1	0	18.5	30.75	1
64334 68009	2 2	0.5	1	0.5	2		3 5	3 4	3 4	2	0 1	1 2	2	2	1	-0.25 0	25.75 38	36.25 56.75	2 5
72700 73308	2 2	0.5	1 1	1 2	2		3.5	3 4	4	3	0 1	1 2	2	1.5	1	0	25.5 38	39.75 56.50	2 5
73519	1.75	3.5	1	1	2	2 1	2	3.5			0	1 3	2	2	1	0	27.25	42.00	3
73572 74629	2	3.5 3.5	1	1.5	2	2 1	5	2	4	3	1 1	1 2	3.5	2	1	0	29.5 37.5	45.75 56.50	3 5
74975 75211	2 2	4 2.5	0.5	0.5	1.5		1 5	4	4		0 0	0 2	2	2	0	-1 0	24.5 37.5	40.25 56.50	2 5
75269	2 2	2 4	0.75	1.5		1 1	5	3	3		0 1	1 2	2	1	1	-0.25	28	44.50	3
77806 78146	2	3	- 1	1	0.5	5 0.5	3.5	4	4	2	1 1	1 2.5	2.5 2.5	1.5	1	-0.75 0	30.25 31.5	48.75 43.25	4
78184 78638	2 2	2.5 3.5	0.5	1.5	1 2		5 2.5	2 4	4		1 1 1 0.5	1 1 5 2.5	4	2	0	0 -1	27.5 33.5	40.25 48.25	2
78995 79544	2	4 3	1 1	2	2	2 1	5	4 3	4 2	1.5	1 1	1 3	4	1.5	1	-0.5 0	37.5 30	55.40 48.25	5
79779	2	0.5	1	0	2	2 1	2	3	4	1.5	0 1	1 2.5	2.5	0	0	-0.5	22.5	36.75	2
80223 80382	1.5	3	1 0	0	0.5		1 0	4 2	0		0 1	1 4 0.5	4	2	0	-1 0	27.5 9	42.00 16.00	3
80739	2	2.5	1	1	2	2 1	5	3	4	2	0 1	1 3	2	2	0	0	31.5	50.50	4
80958 81072	2	4 3.5	1	2	2	2 1	5 5	3	3	2	0 1	1 4	4	2	1	-0.25 0	38.75 35.5	57.75 54.50	5 5
81219 82803	2 2	4	1 0	2	0.5		5	3	4 0		0 0	1 3	3.5	1.5	1 0	-0.5	35 8.5	53.75 19.75	4
83571	2	4	1	2	2	2 1	4 2.5	4	4	2	0 1	1 4	4	2	1	0	38	57.00	5
84921 85881	2	2.5 4	1	0.5 2	2	2 1	5	3 4	3		0 1	1 2	2.5	2	1	0	27 40	44.25 57.50	3 5
86200 86579	2 2	4 3.5	1	1.5 1.5	2		3.5	3	4	2	0 1	1 2	3	2	1	0	34 36	52.25 54.00	5
86681 87031	2 2	0.5 3.5	0	0 2	1	1 0	0	2	0 2	2		0 1	3 4	1	1	0	13.5 33.75	28.25 48.25	1 4
88156	2	3.5	1	2		2 0.75	5	3	4	1.5	1 1	1 3	4	1.5	1	-0.25	36.75	54.50	5
88199 89057	2 2	0.75	1	0.5	1	1 1	3 4	3	0	2	0 1	1 2	2.5	2	0	0	23.75 31	36.00 48.75	2
90883	2	3.5	1	1.5	2	2 1	5	3	4	2	0 1	1 4	4	2	1	0	37	56.00	5
92220 92986	2	2.5 3.5	0.75	1.5	1	1 1	5	3 4	4		0 1	1 1.5 1 2	3.5	1	1	0	32 28.25	45.50 42.00	3
93803	2 1.75	3.5 0.75	1	2	1.75		5 3.75	4 2	4 2	2	1 1	1 2.75	3.5 2.5	2 2	1 1	-0.5	37.5 22.75	56.50 36.00	5
94231	2	4	1	2	1.5	5 1	4	4	4	3	1 1	1 4	2	0.5	1	0	36	54.25	5
96322	2	2.5	1	0	2		2.5	3	3		0 1	1 3.5	0.5	2	1	-0.5 0	27.25 27	45.75 42.00	3
96322 96488	1	0	0	0	0.5	5 0	5	1 2	3	3	0 0	0 2	2	1 2	0.5	-2 -0.25	18 12.75	32.25 21.50	1 0
96577 96664	2	0.5				. 1	U	- 2	U	41	٠ (- 4		2	U	*U.ZD	14.70	21.00	4
96322 96488 96577 96664 97296 97968	2 2 2	0.5 2.5	0.5	2	2	2 0.5	4	4	4		0 1	1 3	2.5	0.5	1	-0.25	31.25	48.00	
96322 96488 96577 96664 97296	2 2		0.5 1			2 0.5	4 0 4	4 4 3	4 2 2.5		0 1	1 3 1 4 1 2.5	2.5 1 2.5	0.5 1 1.5	1 1 1		31.25 20.5 27.5	33.75 43.00	1 3
96322 96488 96577 96664 97296 97968 98003	2 2 2 1	2.5 0.5	1	2	2 1 2	2 0.5 1 0 2 0.5	0	4	2	3 1 2	0 1	1 4	1	1	1 1 1 1	-0.25 0	20.5	33.75	- 1