Capstone Project 2

CMU-SE 451

Sprint Backlog

Version 1.1

Date: 22nd May, 2021

Food Care

Submitted by

Huynh Dac Vinh
Tran Quoc Trung
Ton That Minh Huy
Dang Van Duan

Approved by

Proposal Review Panel Representative:

Name	Signature	Date

Capstone Project 2-Mentor:

Name	Signature	Date

Dang Viet Hung

PROJECT INFORMATION

Project acronym	FC		
Project Title	Food Care		
Start Date	01 Mar, 2021	**End Date**	25 May, 2021
Lead Institution	International School, Duy Tan University		
Project Mentor	Ph.D Hung, Dang Viet		
Scrum master / Project Leader & contact details	Vinh, Huynh Dac Email: dacvinh98@gmail.com Tel: 0347191925		
Partner Organization			
Project Web URL			
Team members	Name	Email	Tel
1	Vinh, Huynh Dac	dacvinh98@gmail.com	0347191925
2	Trung, Tran Quoc	quoctrung.tran210@gmail.com	0935420530
3	Huy, Ton That Minh	tonthatminhh@gmail.com	0935432561
4	Duan, Dang Van	dangvanduan755@gmail.com	0769710126

REVISION HISTORY

Version	Date	Comments	Author	Approval
1.0	22/05/2021	Final	Vinh, Huynh Dac	

Document Approval

The following signatures are required for approval of this document

Mentor	Dang Viet Hung	Date:
Scrum Master	Huynh Dac Vinh	Date:
Product Owner	Tran Quoc Trung	Date:
Team Member	Ton That Minh Huy	Date:
Team Member	Dang Van Duan	Date:

Sprint 1

No.	Task	Responsible person	Status	Estimate (hours)	Start Date	End Date
1.	Create Sprint 1 Backlogs	All member	done	20	3/9/2021	3/10/2021
2.	Create Database for Sprint 1	Trung, Huy	done	18	3/10/2021	3/12/2021
3.	Create Test Plan for Sprint 1	Duan	done	8	3/11/2021	3/14/2021
4.	Design register UI (user)	Huy	done	3	3/17/2021	3/17/2021
5.	Code register UI (user)	Vinh	done	5	3/13/2021	3/19/2021
6.	Code register API (user)	Trung	done	8	3/27/2021	3/28/2021
7.	Create test cases for register (user)	Trung	done	3	3/21/2021	3/21/2021
8.	Test register (user)	Duan	done	3	4/3/2021	4/3/2021
9.	Design login UI (user)	Huy	done	3	3/17/2021	3/17/2021
10.	Code login UI (user)	Trung	done	4	3/27/2021	3/27/2021
11.	Code login API (user)	Trung,Vinh	done	9	3/23/2021	3/24/2021
12.	Create test cases for login (user)	Trung	done	4	3/20/2021	3/20/2021
13.	Test login (user)	Vinh	done	3	4/3/2021	4/3/2021
14.	Code logout API	Trung	done	7	3/19/2021	3/20/2021
15.	Create test cases for logout	Duan	done	1	4/3/2021	4/4/2021
16.	Test logout	Vinh		2	3/17/2021	3/18/2021
17.	Design change password UI (user)	Huy	done	3	3/24/2021	3/25/2021
18.	Code change password UI (user)	Huy		4	3/25/2021	3/25/2021

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19.	Code change password API (user)	Trung	done	6	3/25/2021	3/26/2021
20.	Create test cases for change password (user)	Duan	done	3	4/1/2021	4/1/2021
21.	Test change password (user)	Huy	done	3	4/4/2021	4/4/2021
22.	Design reset password UI (user)	Vinh	done	3	3/18/2021	3/19/2021
23.	Code reset password UI (user)	Huy	done	3	3/16/2021	3/16/2021
24.	Code reset password API (user)	Trung	done	6		
25.	Create test cases for reset password (user)	Duan	done	4	3/31/2021	4/1/2021
26.	Test reset password (user)	Duan	done	2		
27.	Design profile page UI	Vinh	done	7	3/20/2021	3/21/2021
28.	Code profile page UI	Huy	done	9	3/20/2021	3/23/2021
29.	Code profile page API	Vinh, Trung	done	8	4/1/2021	4/2/2021
30.	Create test cases for profile page	Duan		4	3/29/2021	3/29/2021
31.	Test profile page	Duan	done	4	3/17/2021	4/3/2021
32.	Design edit profile UI	Vinh	done	3	3/15/2021	3/15/2021
33.	Code edit profile UI	Huy		6	4/1/2021	4/1/2021
34.	Code edit profile API	Trung	done	9	3/31/2021	4/2/2021
35.	Create test cases for edit profile	Duan		3	4/2/2021	4/2/2021
36.	Test edit profile	trung		4	4/4/2021	4/4/2021
37.	Design filter food UI	Huy, Vinh	done	12	3/22/2021	3/24/2021
38.	Code filter food UI	Vinh, Huy		9		
39.	Code filter food API	Trung	done	10	3/22/2021	3/24/2021

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40.	Create test cases for filter food	Duan		4	4/2/2021	4/2/2021
41.	Test filter food	Trung		6		
42.	Design search food UI	Huy	done	4	4/3/2021	4/3/2021
43.	Code search food UI	Vinh		6		
44.	Code search food API	Trung	done	7		
45.	Create test cases for search food	Vinh		4	4/3/2021	4/3/2021
46.	Test search food	Duan		4	4/4/2021	4/4/2021
47.	Design food's details UI	Vinh, Huy	done	10		
48.	Code food's details UI	Vinh		8		
49.	Code food's details API	Trung		6		
50.	Create test cases for food's details	Duan		3	3/31/2021	3/31/2021
51.	Test food's details	Huy		3		
52.	Design add to favorite UI	Vinh	done	3	3/30/2021	3/30/2021
53.	Code add to favorite UI	Huy		3		
54.	Code add to favorite API	Trung	done	5		
55.	Create test cases for add to favorite	Duan		3	3/31/2021	3/31/2021
56.	Test add to favorite	Vinh		3		
57.	Design favorite list UI	Huy	done	8		
58.	Code favorite list UI	Vinh		6		
59.	Code favorite list API	Trung	done	5		
60.	Create test cases for favorite list	Duan		2	4/1/2021	4/1/2021
61.	Test favorite list	Vinh		3		
62.	Design remove favorite food UI	Vinh	done	3	3/28/2021	3/28/2021
63.	Code remove favorite food UI	Huy		3		

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64.	Code remove favorite food API	Trung	done	7		
65.	Create test cases for remove favorite food	Duan		3	3/31/2021	3/31/2021
66.	Test remove favorite food	Huy		2	4/3/2021	4/3/2021
67.	Design create custom food UI	Vinh	done	7	4/3/2021	4/4/2021
68.	Code create custom food UI	Huy		4		
69.	Code create custom food API	Trung		7		
70.	Create test cases for create custom food	Huy		4	4/4/2021	4/4/2021
71.	Test create custom food	Duan		4		
72.	Design update custom food UI	Vinh	done	4	4/4/2021	4/4/2021
73.	Code update custom food UI	Huy		3		
74.	Code update custom food API	Trung	done	6		
75.	Create test cases for update custom food	Duan	done	4	4/4/2021	4/4/2021
76.	Test update custom food food	Duan	done	5	4/3/2021	4/3/2021
77.	Design remove custom food UI	Huy	done	3	4/3/2021	4/3/2021
78.	Code remove custom food UI	Vinh	done	3	4/3/2021	4/3/2021
79.	Code remove custom food API	Trung	done	9	4/3/2021	4/3/2021
80.	Create test cases for remove custom food list	Duan	done	3	4/3/2021	4/3/2021
81.	Test remove custom food	Vinh	done	3	4/2/2021	4/2/2021
				419		

Milestone	8/3	9/3	10/3	11/3	12/3	13/3	14/3	15/3	16/3	17/3	18/3	19/3	20/3	21/3	22/3

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Actual time remaining (hours)	419	411	396	386	379	375	369	366	359	351	348	339	322	315	304
Estimated Time (hours)	404.05	389.1	374.15	359.2	344.25	329.3	314.35	299.4	284.45	269.5	254.55	239.6	224.65	209.7	194.75
Actual time (hours)	8	15	10	7	11	4	6	3	7	8	3	9	17	7	11

Milestone	23/3	24/3	25/3	26/3	27/3	28/3	29/3	30/3	31/3	1/4	2/4	3/4	4/4
Actual time remaining (hours)	295	286	276	273	265	258	254	251	238	224	205	186	157
Estimated Time (hours)	179.8	164.85	149.9	134.95	120	105.05	90.1	75.15	60.2	45.25	30.3	15.35	0
Actual time (hours)	9	9	8	3	8	7	4	3	13	14	19	19	29

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Burndown Chart
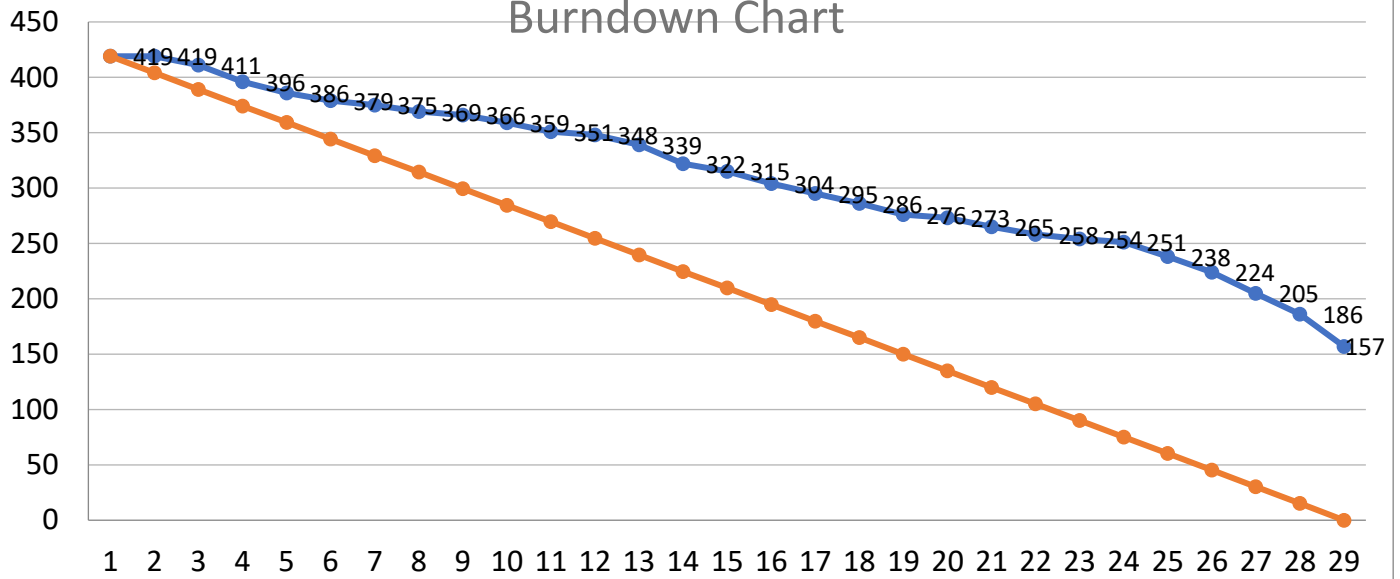
Available Hours
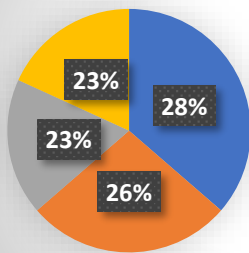
- Huynh Dac Vinh
- Tran Quoc Trung
- Dang Van Duan
- Ton That Minh Huy

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Sprint 2

No.	Task	Responsible person	Status	Estimate (h	Start Date	End Date
1	Create Sprint 2 Backlogs	All membe	done	20	4/6/2021	4/7/2021
2	Create Database for Sprint 2	Trung, Huy	done	20	4/18/2021	4/24/2021
3	Create Test Plan for Sprint 2	Duan	done	5	4/8/2021	4/8/2021
4	Design menu UI	Vinh, Huy	done	12		
5	Code menu UI	Huy	done	10	4/30/2021	5/2/2021
6	Code menu API	Trung	done	8	5/1/2021	5/2/2021
7	Design test cases for menu	Vinh	done	5	5/2/2021	5/2/2021
8	Test menu	Duan	done	4		
9	Design collection UI	Vinh	done	8	4/19/2021	4/20/2021
10	Code collection UI	Huy	done	7	4/27/2021	4/28/2021
11	Code collection API	Trung	done	6	4/27/2021	4/27/2021
12	Design test cases for collection	Vinh	done	3	4/10/2021	4/10/2021
13	Test collection	Duan	done	3	4/27/2021	4/28/2021
14	Design collection's details UI	Huy	done	6	4/11/2021	4/11/2021
15	Code collection's details UI	Vinh	done	7	4/25/2021	4/26/2021
16	Code collection's details API	Trung	done	6	4/13/2021	4/14/2021
17	Design test cases for collection's de	Huy	done	4	4/18/2021	4/18/2021
18	Test collection's details	Duan	done	2	4/16/2021	4/16/2021
19	Design create collection UI	Vinh	done	6	4/17/2021	4/17/2021
20	Code create collection UI	Huy	done	6		
21	Code create collection API	Vinh	done	5	5/1/2021	5/1/2021
22	Design test cases for create collecti	Duan	done	3	4/30/2021	4/30/2021
23	Test create collection	Huy	done	2	5/2/2021	5/2/2021
24	Design add food to collection UI	Vinh	done	5	4/19/2021	4/19/2021
25	Code add food to collection UI	Huy	done	3	4/24/2021	4/24/2021
26	Code add food to collection API	Trung	done	4	4/24/2021	4/24/2021
27	Design test cases for add food to co	Vinh	done	3	4/19/2021	4/19/2021
28	Test add food to collection	Duan	done	2	5/2/2021	5/2/2021
29	Design remove food from collectio	Huy	done	5	4/20/2021	4/20/2021
30	Code remove food from collection	Vinh	done	4	4/20/2021	4/20/2021
31	Code remove food from collection .	Huy	done	5	4/21/2021	4/21/2021
32	Design test cases for remove food f collection	Huy	done	5	4/29/2021	4/29/2021
33	Test remove food from collection	Duan	done	3	4/30/2021	4/30/2021
34	Design request to public food UI	Vinh		7		
35	Code request to public food UI	Huy		5		
36	Code request to public food API	Trung	done	4	4/13/2021	4/13/2021
37	Design test cases for request to pub	Huy		4		
38	Test request to public food	Duan		3		
39	Design list requested food UI	Vinh	done	5	4/12/2021	4/12/2021
40	Code list requested food UI	Huy		4		
41	Code list requested food API	Trung		6	4/13/2021	

42	Design test cases for list requested food	Duan	done	4	4/13/2021	5/1/2021
43	Test list requested food	Vinh	done	5	5/2/2021	5/2/2021
44	Design withdraw requested food UI	Huy	done	6		
45	Code withdraw requested food UI	Vinh	done	4	4/22/2021	4/22/2021
46	Code withdraw requested food API	Trung	done	5	4/21/2021	4/21/2021
47	Design test cases for withdraw requested food	Duan	done	3	4/22/2021	4/22/2021
48	Test withdraw requested food	Trung	done	2	4/23/2021	4/23/2021
49	Code reset password API (user)	Vinh	done	6	5/2/2021	5/2/2021
50	Test reset password (user)	Duan	done	2	5/2/2021	5/2/2021
51	Code filter food UI	Huy, Vinh	done	10	4/26/2021	4/27/2021
52	Test filter food	Duan	done	6	4/27/2021	4/27/2021
53	Code search food UI	Vinh		6		
54	Code search food API	Trung	done	7	4/15/2021	4/25/2021
55	Test search food	Duan		4		
56	Code food's details UI	Huy	done	8	4/9/2021	4/26/2021
57	Code food's details API	Trung	done	6	4/24/2021	4/24/2021
58	Test food's details	Duan	done	3	5/1/2021	5/1/2021
59	Code add to favorite UI	Huy	done	3	4/8/2021	4/8/2021
60	Code add to favorite API	Trung	done	5	4/29/2021	4/30/2021
61	Test add to favorite	Vinh	done	3	4/28/2021	4/28/2021
62	Design favorite list UI	Huy	done	8	4/27/2021	4/28/2021
63	Code favorite list UI	Vinh	done	6		
64	Code favorite list API	Trung	done	5	4/27/2021	4/27/2021
65	Test favorite list	Duan	done	3	4/27/2021	4/27/2021
66	Code remove favorite food UI	Huy	done	3	4/29/2021	4/29/2021
67	Code remove favorite food API	Vinh	done	7	4/26/2021	5/1/2021
68	Test remove favorite food	Duan	done	2	5/2/2021	5/2/2021
69	Code create custom food UI	Vinh	done	4	4/7/2021	4/7/2021
70	Code create custom food API	Trung	done	7	4/8/2021	4/9/2021
71	Test create custom food	Duan	done	4	4/17/2021	4/17/2021
72	Code update custom food UI	Huy	done	3	4/19/2021	4/19/2021
73	Code update custom food API	Vinh	done	6	4/22/2021	4/23/2021
74	Test update custom food food	Trung	done	5	4/24/2021	4/24/2021
75	Design remove custom food UI	Vinh	done	3	4/25/2021	4/25/2021
76	Code remove custom food UI	Huy	done	3	4/30/2021	4/30/2021
77	Code remove custom food API	Trung	done	9	4/27/2021	4/28/2021
78	Test remove custom food	Duan	done	3	5/1/2021	5/1/2021
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Milestone	5/4	6/4	7/4	8/4	9/4	10/4	11/4	12/4	13/4	14/4	15/4	16/4	17/4
Actual time remaining (hours)	414	406	390	378	366	363	357	352	345	342	339	337	327
Estimated Time (hours)	399.23	384.46	369.69	354.92	340.15	325.38	310.61	295.84	281.07	266.3	251.53	236.76	221.99
Actual time(hours)	8	16	12	12	12	3	6	5	7	3	3	2	10

Milestone	18/4	19/4	20/4	21/4	22/4	23/4	24/4	25/4	26/4	27/4	28/4	29/4	30/4	1/5	2/5
Actual time remaining (hours)	317	302	289	279	270	256	232	218	200	169	150	140	124	98	73
Estimated Time (hours)	207.22	192.45	177.68	162.91	148.14	133.37	118.6	103.83	89.06	74.29	59.52	44.75	29.98	15.21	0
Actual time(hours)	10	15	13	10	9	14	24	14	18	31	19	10	16	26	25

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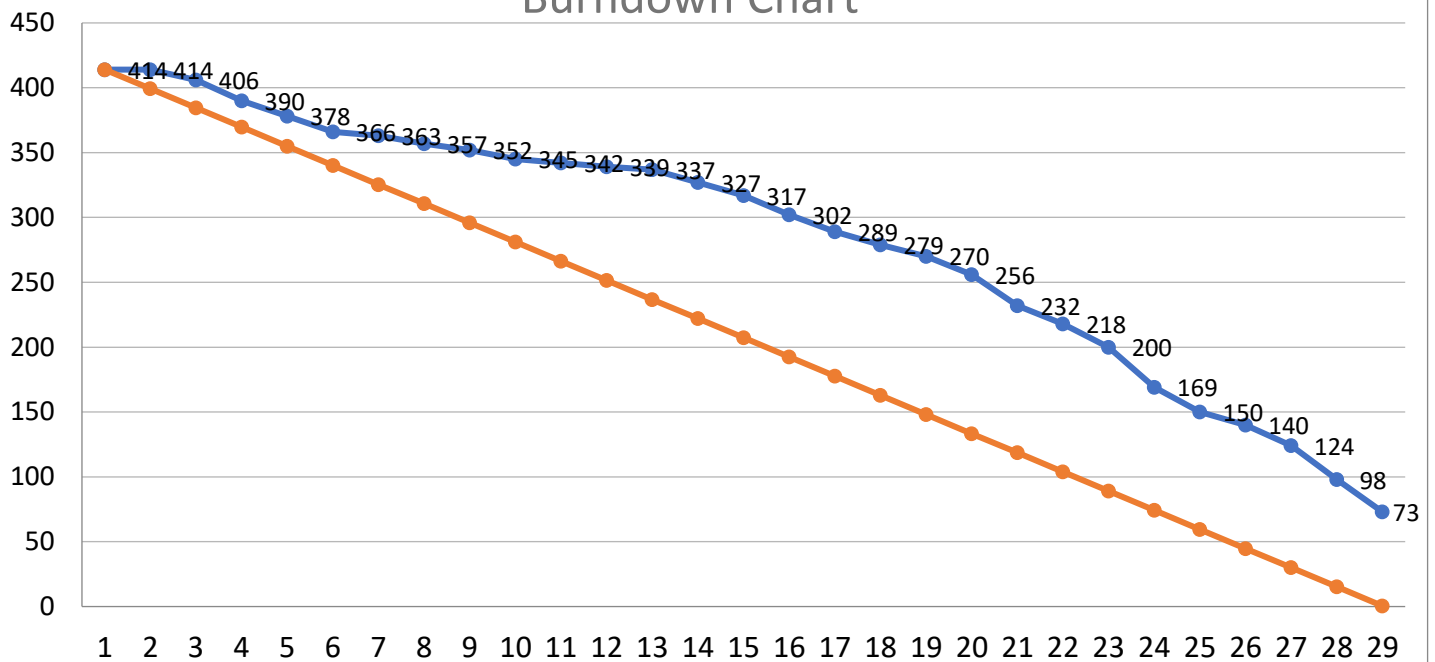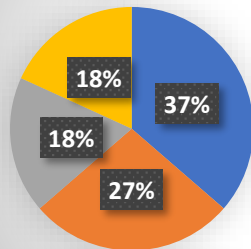
Burndown Chart

414 414 406 390 378 366 363 357 352 345 342 339 337 327 317 302 289 279 270 256 232 218 200 169 150 140 124 98 73

Available Hours

- 37% Huynh Dac Vinh
- 27% Tran Quoc Trung
- 18% Dang Van Duan
- 18% Ton That Minh Huy

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Sprint 3

1	Create Sprint 3 Backlogs	All member	done	16	5/4/2021	5/5/2021
2	Create Database for Sprint 3	Trung, Vinh	done	18	5/6/2021	5/8/2021
3	Create Test Plan for Sprint 3	All member	done	9	5/7/2021	5/8/2021
4	Test delete food	Trung	done	2	5/23/2021	5/23/2021
5	Design receive recommended food UI	Vinh	done	8	5/19/2021	5/22/2021
6	Code receive recommended food UI	Huy	done	6	5/21/2021	5/21/2021
7	Code receive recommended food API	Trung,Vinh	done	28	5/5/2021	5/21/2021
8	Create test cases for receive recommended food	Duan	done	7	5/21/2021	5/22/2021
9	Test receive recommended food	Huy	done	6	5/22/2021	5/22/2021
10	Design request to public food UI	Vinh	done	7	5/19/2021	5/19/2021
11	Code request to public food UI	Huy	done	5	5/18/2021	5/18/2021
12	Design test cases for request to public food	Duan	done	4	5/22/2021	5/22/2021
13	Test request to public food	Trung	done	3	5/23/2021	5/23/2021
14	Code list requested food UI	Vinh	done	4	5/23/2021	5/23/2021
15	Code list requested food API	Trung	done	6	5/16/2021	5/20/2021
16	Code search food UI	Huy	done	6	5/20/2021	5/20/2021
17	Test search food	Duan	done	4	5/21/2021	5/21/2021
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Milestone	3/5	4/5	5/5	6/5	7/5	8/5	9/5	10/5	11/5	12/5	13/5
Actual time remaining (hours)	139	131	121	117	105	94	94	88	88	88	88
Estimated Time (hours)	335.24	318.48	301.72	284.96	268.2	251.44	234.68	217.92	201.16	184.4	167.64
Actual time(hours)	8	10	10	4	12	11	0	6	0	0	0

Milestone	14/5	15/5	16/5	17/5	18/5	19/5	20/5	21/5	22/5	23/5
Actual time remaining (hours)	88	88	77	77	65	56	45	26	9	0
Estimated Time (hours)	150.88	134.12	117.36	100.6	83.84	67.08	50.32	33.56	16.8	0
Actual time(hours)	0	0	11	0	12	9	11	19	17	9

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Burndown Chart

Available Hours

- Huynh Dac Vinh
- Tran Quoc Trung
- Dang Van Duan
- Ton That Minh Huy