

IT Project Management (IT3040)

Assessment on Tools

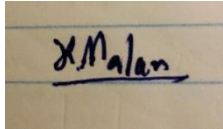
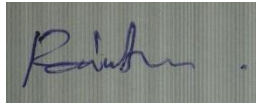
Group Number	125		
Name	Registration No	Signature	
Wimalasooriya S.A.N	IT21034268		
Thenabandu W.S.D	IT21104008		
Balachandra B.A.D.K.M	IT21119026		
Samaraweera H.M.C.D	IT20198404		
Pasan M.G.R	IT21057588		

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Contribution to the project

Student Reg. No	Responsible Tasks
IT21034268	Donee Functionality
IT21104008	User Account Management
IT21119026	Payment Management
IT20198404	Donation Management
IT21057588	Feedback Management

Azure Board

1. Work Items

Name in Azure Board	Student Registration No
Samaraweera H. M. C. D.	IT20198404
Thenabandu W.S.D	IT21104008
Pasan M.G.R	IT21057588
Wimalasooriya.S.A.N.	IT21034268
Balachandra B.A.D.K.M	IT21119026

The screenshot displays the Azure DevOps Work Items board for the team 'ITPM_GROUP_125'. The board is organized into columns representing different states: 'Done', 'Design', and 'In Progress'. Each work item is represented by a card showing its ID, title, assigned person, state, area path, tags, comments, and activity date. The board also includes a sidebar with navigation options like Overview, Boards, Work Items, Backlogs, Sprints, Queries, Delivery Plans, Analytics views, Repos, Pipelines, Test Plans, and Artifacts.

ID	Title	Assigned To	State	Area Path	Tags	Comments	Activity Date
33	Research	Wimalasooriya.S.A.N. it210...	Done	ITPM_GROUP_125			5/23/2023 8:21:16 PM
21	System Implementation	IT20198404 Samaraweera ...	Done	ITPM_GROUP_125			5/23/2023 7:07:23 PM
10	Manage User Interface	Pasan M.G.R it21057588	Done	ITPM_GROUP_125			5/23/2023 6:39:34 PM
11	GitHub	Balachandra B.A.D.K.M it2...	Done	ITPM_GROUP_125			5/23/2023 6:36:43 PM
2	Software Test	Wimalasooriya.S.A.N. it210...	Done	ITPM_GROUP_125			5/23/2023 6:16:17 PM
29	Bugs Tackle	Wimalasooriya.S.A.N. it210...	Done	ITPM_GROUP_125			5/23/2023 6:16:16 PM
43	Provide feedback	Pasan M.G.R it21057588	Done	ITPM_GROUP_125			5/23/2023 5:58:56 PM
42	Create event for donation	Wimalasooriya.S.A.N. it210...	Done	ITPM_GROUP_125			5/23/2023 5:58:47 PM
41	Request donation	IT20198404 Samaraweera ...	Done	ITPM_GROUP_125			5/23/2023 5:58:38 PM
40	Payment	Balachandra B.A.D.K.M it2...	Done	ITPM_GROUP_125			5/23/2023 5:58:26 PM
3	Login and Registration	Thenabandu W.S.D it2110...	Done	ITPM_GROUP_125			5/23/2023 5:58:18 PM
7	Database	IT20198404 Samaraweera ...	Done	ITPM_GROUP_125			5/23/2023 5:28:58 PM
9	Integration	Thenabandu W.S.D it2110...	Done	ITPM_GROUP_125			5/23/2023 5:28:51 PM
20	Design feedback Uti	Pasan M.G.R it21057588	Done	ITPM_GROUP_125			5/23/2023 7:21:29 AM
19	Design payment Uti	Balachandra B.A.D.K.M it2...	Done	ITPM_GROUP_125			5/23/2023 7:21:28 AM
16	Design donee Uti	Wimalasooriya.S.A.N. it210...	Done	ITPM_GROUP_125			5/23/2023 7:21:25 AM
30	Frontend Bugs	Wimalasooriya.S.A.N. it210...	Done	ITPM_GROUP_125			5/23/2023 7:21:20 AM
32	Server and other bugs	Balachandra B.A.D.K.M it2...	Done	ITPM_GROUP_125			5/23/2023 7:21:18 AM
31	Backend Bugs	Wimalasooriya.S.A.N. it210...	Done	ITPM_GROUP_125			5/23/2023 7:21:17 AM
26	Feedback manager Function implementation	Pasan M.G.R it21057588	Done	ITPM_GROUP_125			5/23/2023 7:20:30 AM
25	Payment Manager Function Implementation	Balachandra B.A.D.K.M it2...	Done	ITPM_GROUP_125			5/23/2023 7:20:29 AM
24	User Manager Function Implementation	Thenabandu W.S.D it2110...	Done	ITPM_GROUP_125			5/23/2023 7:20:28 AM
23	Donee Manager Function Implementation	Wimalasooriya.S.A.N. it210...	Done	ITPM_GROUP_125			5/23/2023 7:20:26 AM
22	Donor Manager Function Implementation	IT20198404 Samaraweera ...	Done	ITPM_GROUP_125			5/23/2023 7:20:25 AM
39	IT21057588	IT20198404 Samaraweera ...	Design	ITPM_GROUP_125			5/23/2023 4:15:04 AM
38	IT21034268	IT20198404 Samaraweera ...	Design	ITPM_GROUP_125			5/23/2023 4:14:47 AM
37	IT21104008	IT20198404 Samaraweera ...	Design	ITPM_GROUP_125			5/23/2023 4:14:28 AM
36	IT21119026	IT20198404 Samaraweera ...	Design	ITPM_GROUP_125			5/23/2023 4:14:11 AM
34	IT20198404	IT20198404 Samaraweera ...	Design	ITPM_GROUP_125			5/23/2023 4:14:01 AM
18	Design user Uti	Thenabandu W.S.D it2110...	Done	ITPM_GROUP_125			5/23/2023 3:52:14 AM
17	Design donee Uti	IT20198404 Samaraweera ...	Done	ITPM_GROUP_125			5/23/2023 3:51:47 AM
12	Design UI	IT20198404 Samaraweera ...	Design	ITPM_GROUP_125			5/23/2023 3:44:46 AM

2. Sprints

ITPM_GROUP_125 Team Backlog

Sprint 1

Planned Effort: 8

4 13

Current

Sprint 2

Planned Effort: 18

5 1

3. Backlog items related to sprint 1

Azure DevOps IT20198404 / ITPM_GROUP_125 / Boards / Sprints

ITPM_GROUP_125 Team

taskboard Backlog Capacity Analytics + New Work Item Column Options ...

No iteration dates
Set dates

Sprint 1

Order	Title	Status	Assigned To	Items...
1	Research	Done	Wimalasouriy...	
2	System Implementation	Done	IT20198404 S...	
	Donor Manager Function Implementation	Done	IT20198404 S...	
	Donor Manager Function Implementation	Done	Wimalasouriy...	
	User Manager Function Implementation	Done	Thenabanda ...	
	Payment Manager Function Implementation	Done	Balchandra B...	
	Feedback manager Function Implementation	Done	Rasan M.G.R.I...	
3	Bugs Tackle	Done	Wimalasouriy...	
	Frontend Bugs	Done	Wimalasouriy...	
	Backend Bugs	Done	Wimalasouriy...	
	Server and other bugs	Done	Balchandra B...	
4	Manage User Interface	Done	Rasan M.G.R.I...	
	Design donee Uls	Done	Wimalasouriy...	
	Design donee Uls	Done	IT20198404 S...	
	Design user Uls	Done	Thenabanda ...	
	Design payment Uls	Done	Balchandra B...	
	Design feedback Uls	Done	Rasan M.G.R.I...	

4. Backlog items related to sprint 2

Azure DevOps | ITPM_GROUP_125 / Boards / Sprints

ITPM_GROUP_125 Team

Taskboard | **Backlog** | Capacity | Analytics | + New Work Item | Column Options | ...

No iteration dates
Set dates

Sprint 2

	Order	Title	State	Assigned To	Rema...
+	1	Software Test	Done	Wimalasooriy...	
	2	System Implementation	Done	IT20198404 S...	
	3	Bugs Tackle	Done	Wimalasooriy...	
	4	Integration	Done	Thenabandu ...	
	5	Database	Done	IT20198404 S...	
	6	Github	Done	Balachandra B...	

5. Boards

ITPM_GROUP_125

ITPM_GROUP_125 Team

Board | Analytics | View as Backlog

New < Approved Q/s Committed Q/s Done <

New item

33 Research

Wimalasooriya.S.A.N. R21034268

State Done

5

21 System Implementation

IT20198404 Samaraweera H. M. C. D.

State Done

5/5

2 Software Test

Wimalasooriya.S.A.N. R21034268

State Done

29 Bugs Tackle

Wimalasooriya.S.A.N. R21034268

State Done

3/3

11 Github

Balachandra B.A.D.K.M R21119026

State Done

5

10 Manage User Interface

Pasan M.G.R R21057588

State Done

5/5

9 Integration

Thenabandu W.S.D R21104008

State Done

5

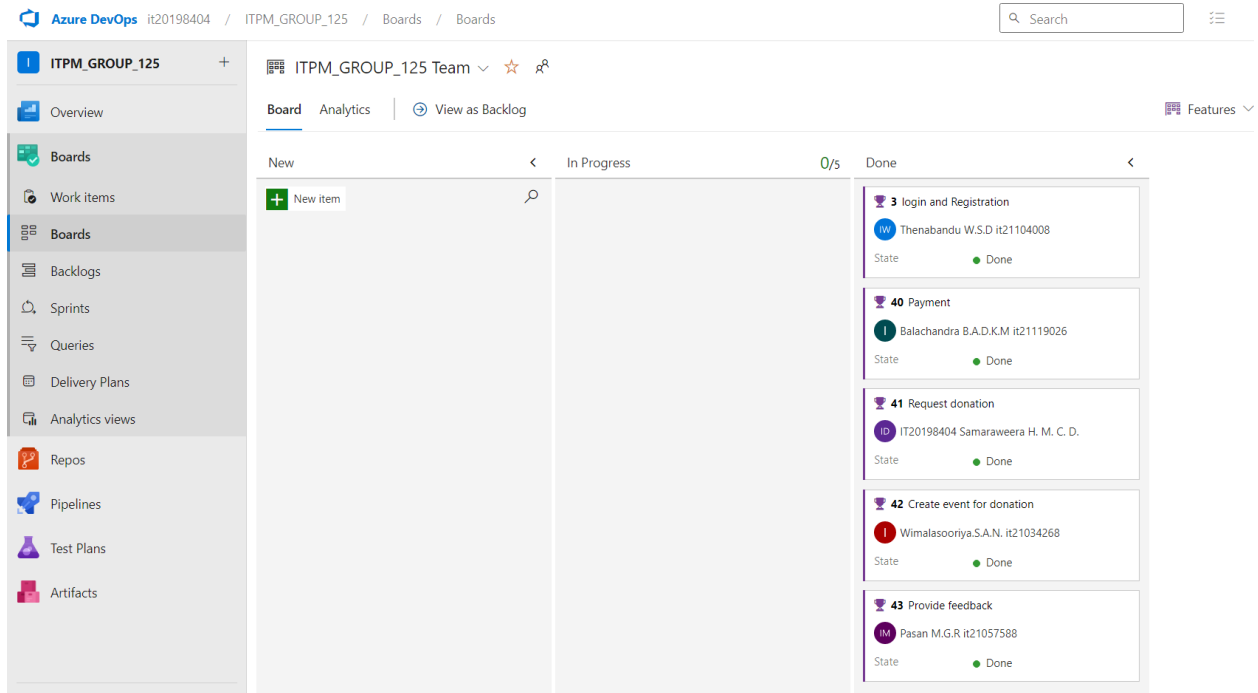
7 Database

IT20198404 Samaraweera H. M. C. D.

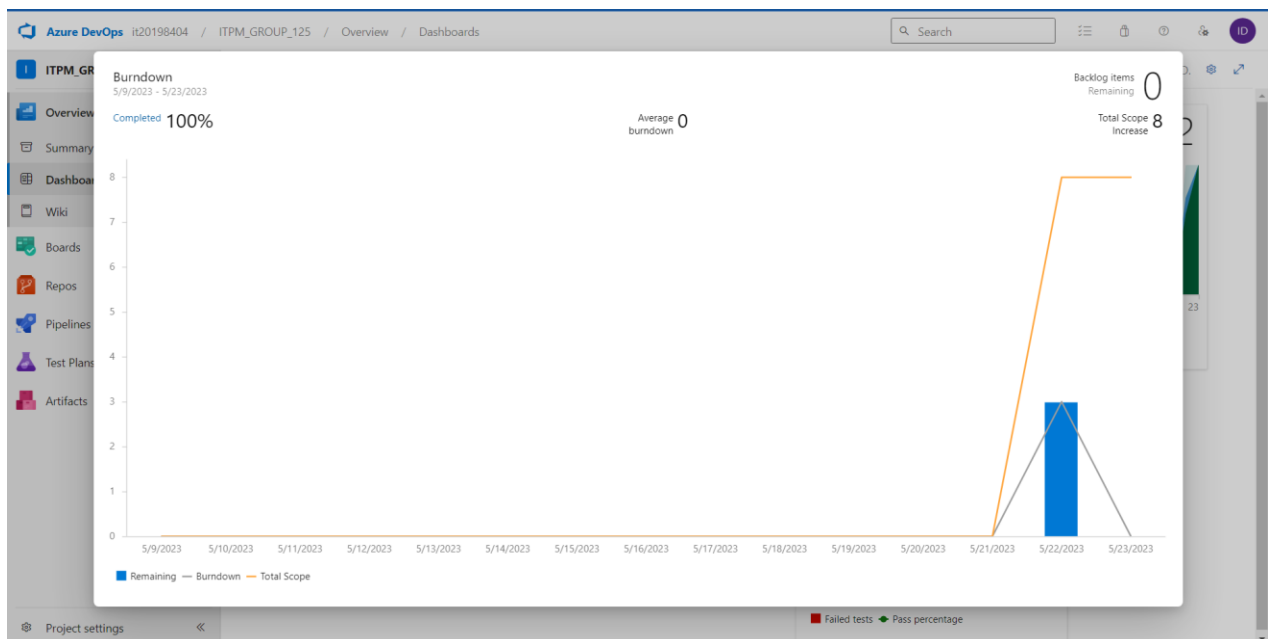
State Done

8

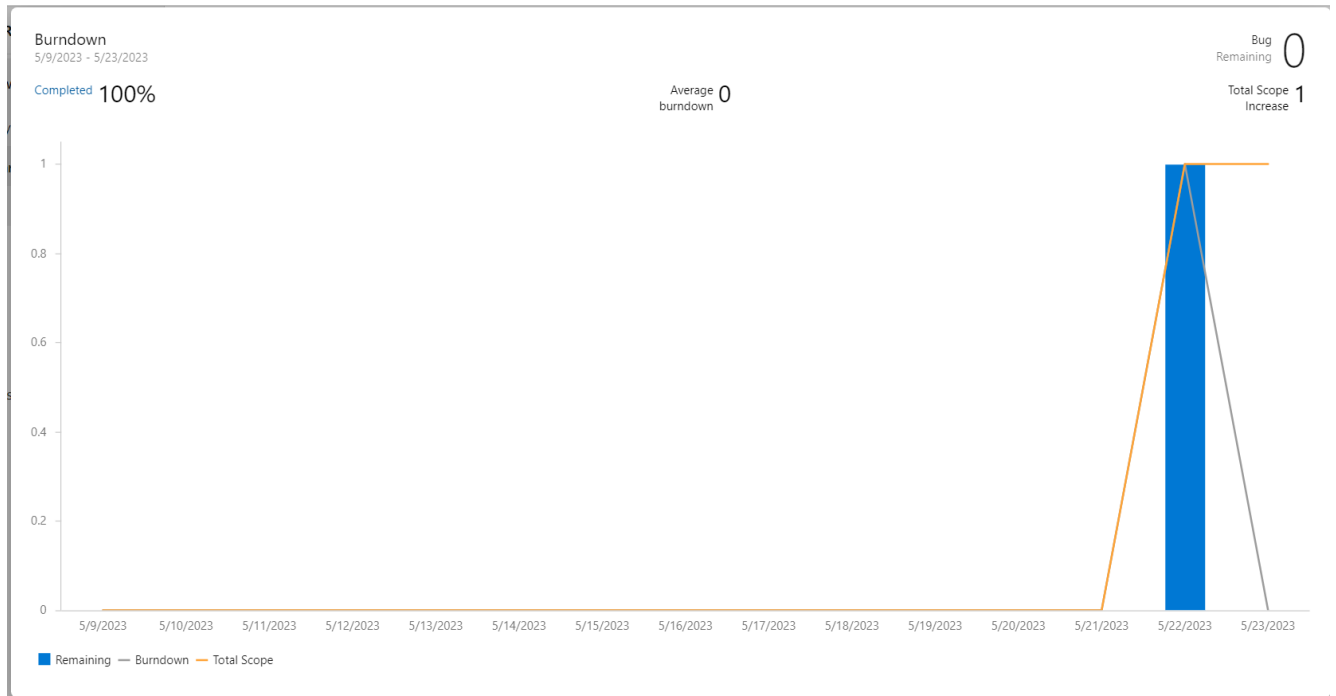
6. Feature



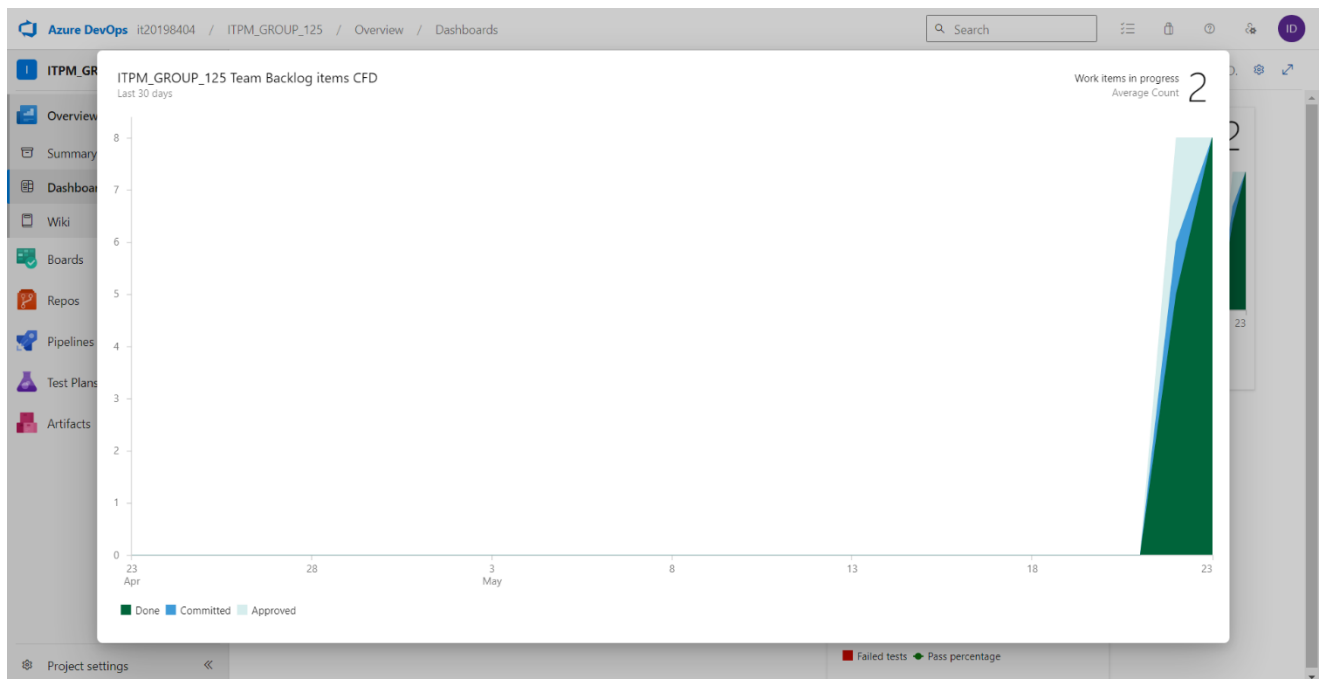
7. Sprint burndown chart



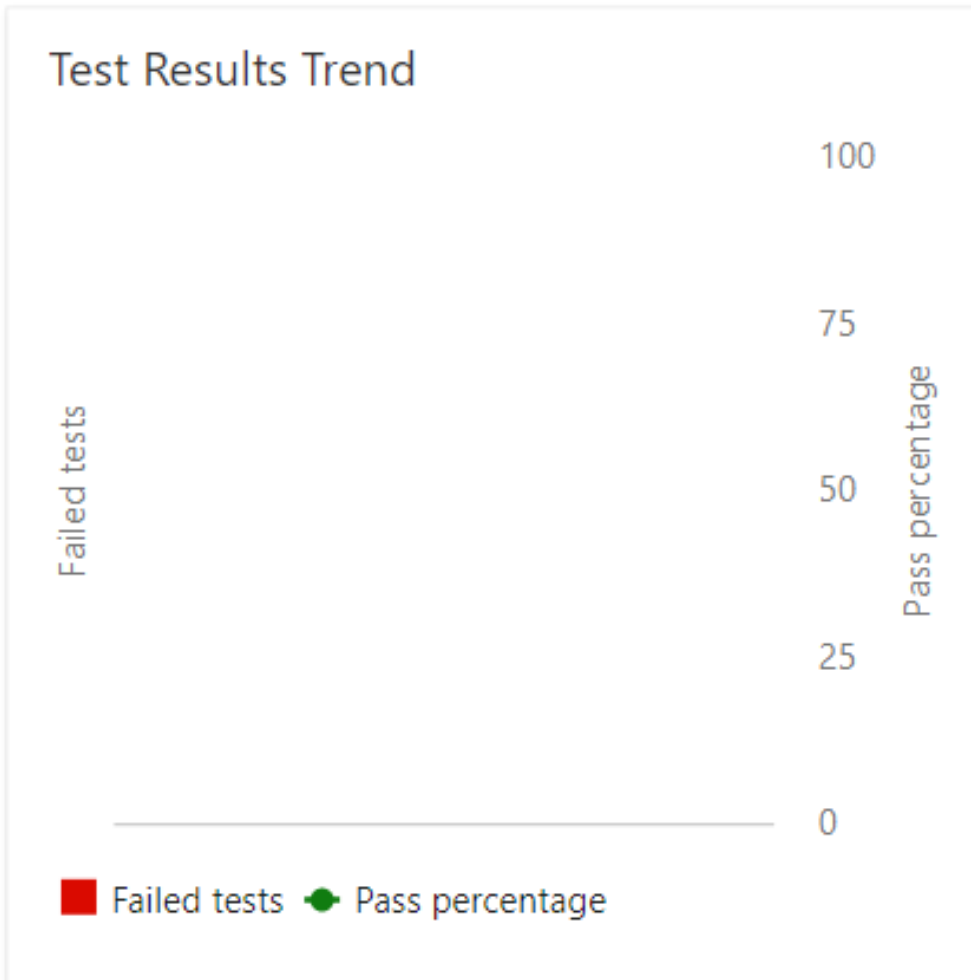
8. Bug burndown chart



9. Cumulative flow diagram



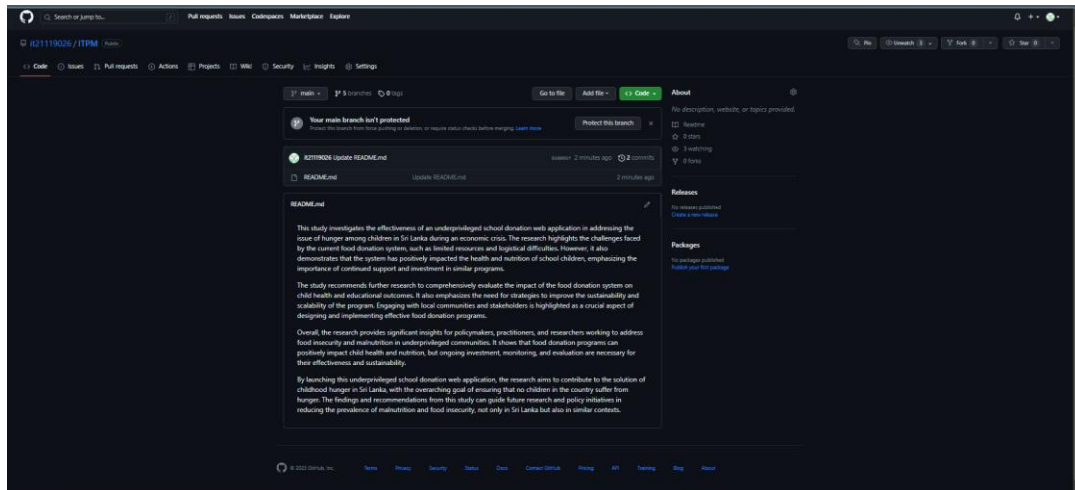
10. Test result trends



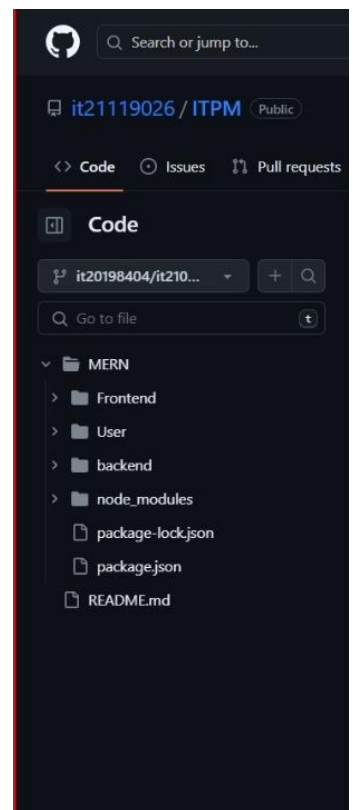
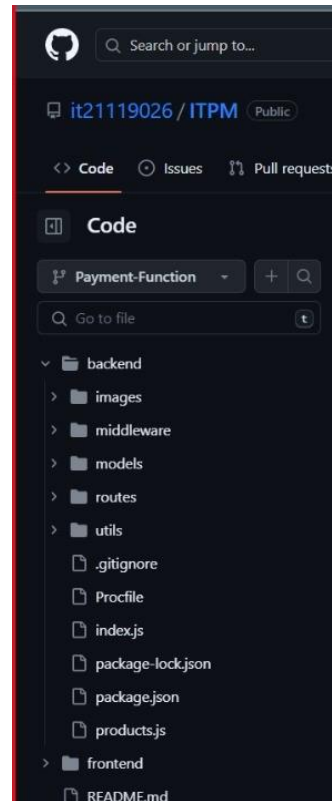
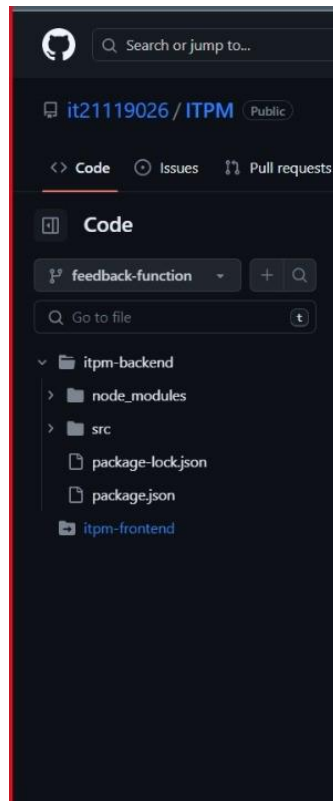
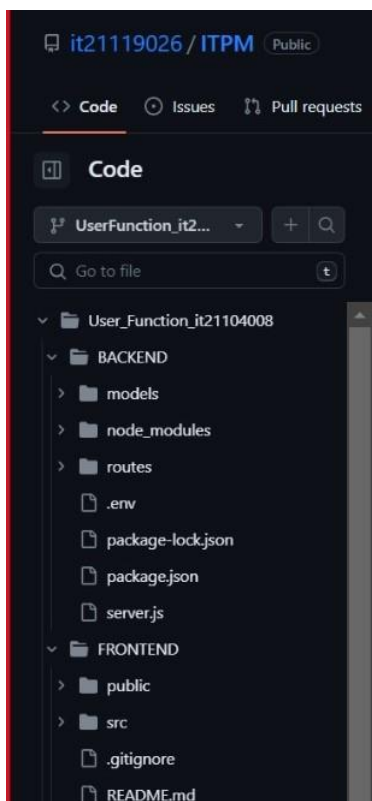
GitHub

GitHub Link: <https://github.com/it21119026/ITPM.git>

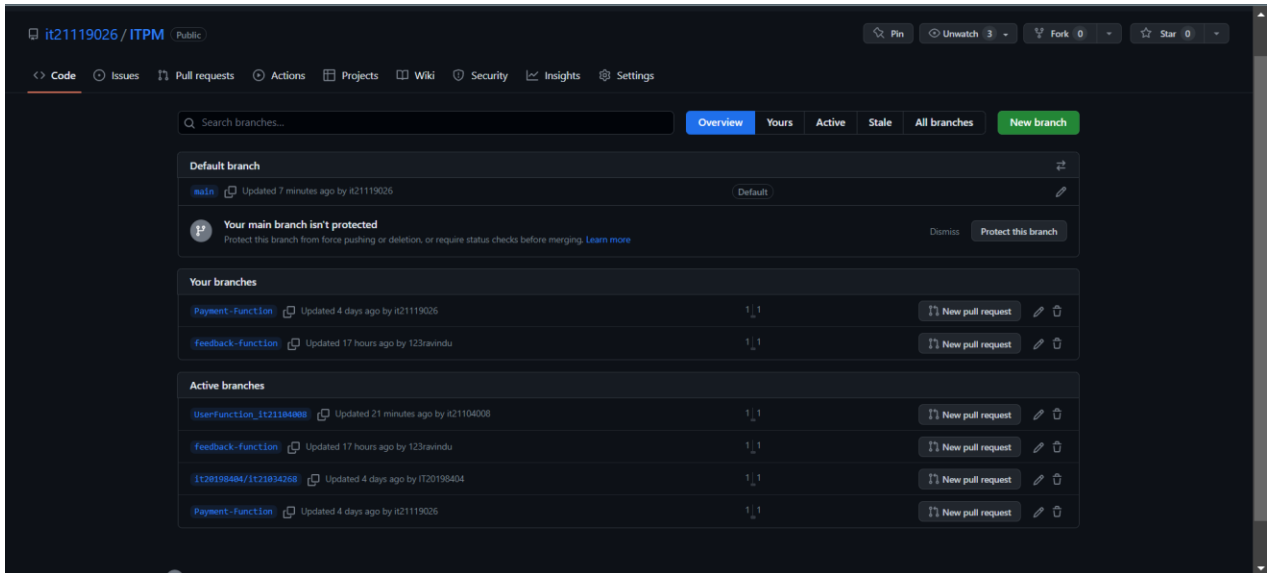
1. Repository view



2. File setup



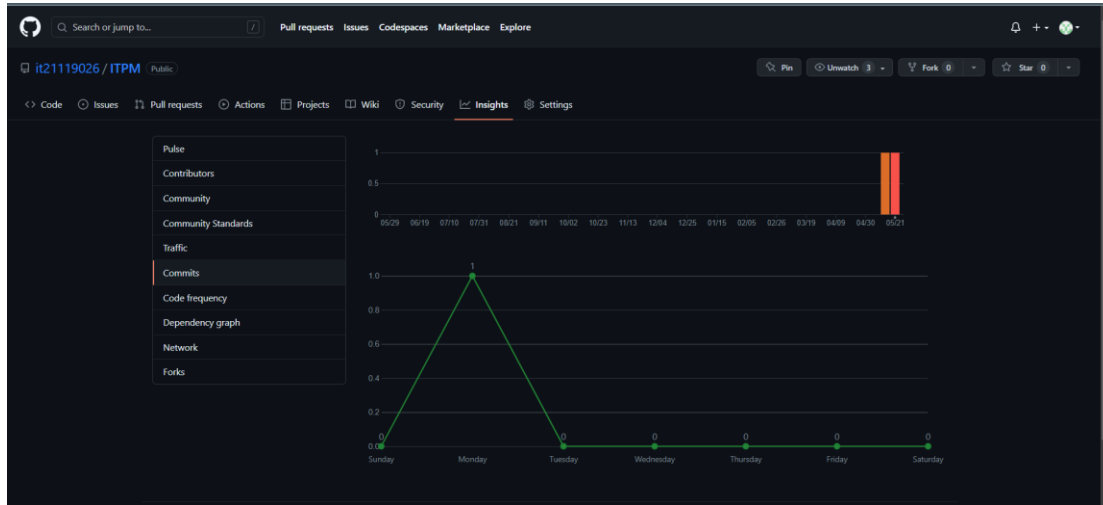
3. Branches



4. Contributors

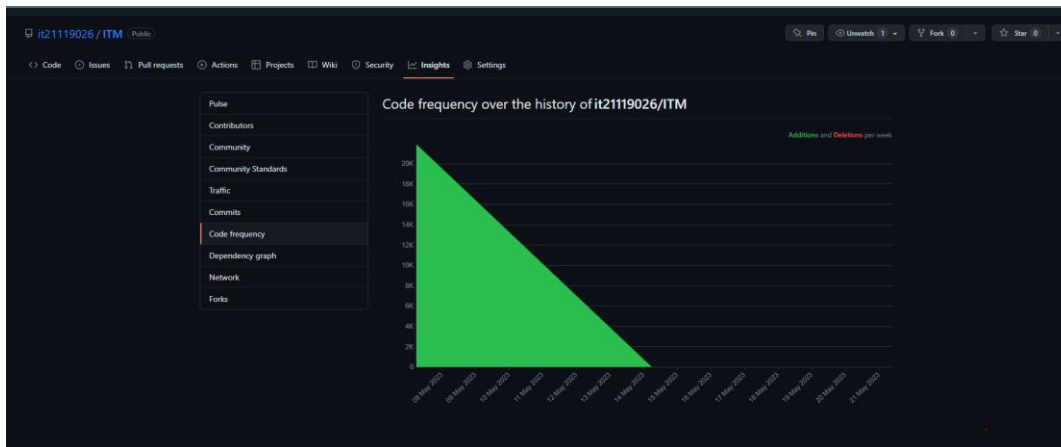
GitHub Username	Student Registration No
IT21034268	IT21034268
IT21104008	IT21104008
123ravindu	IT21057588
IT21119026	IT21119026
IT20198404	IT20198404

5. Commit graph

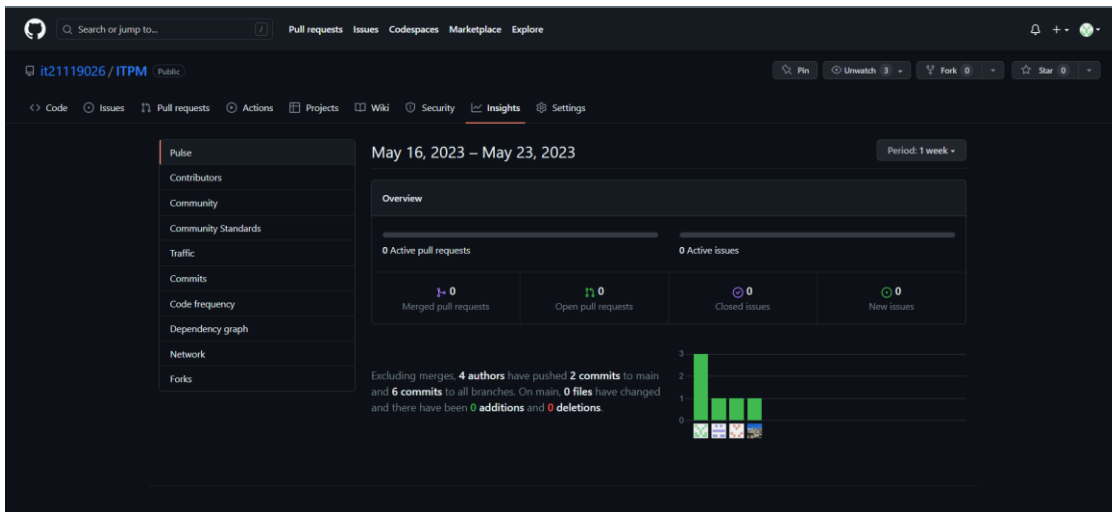


6. Commit History

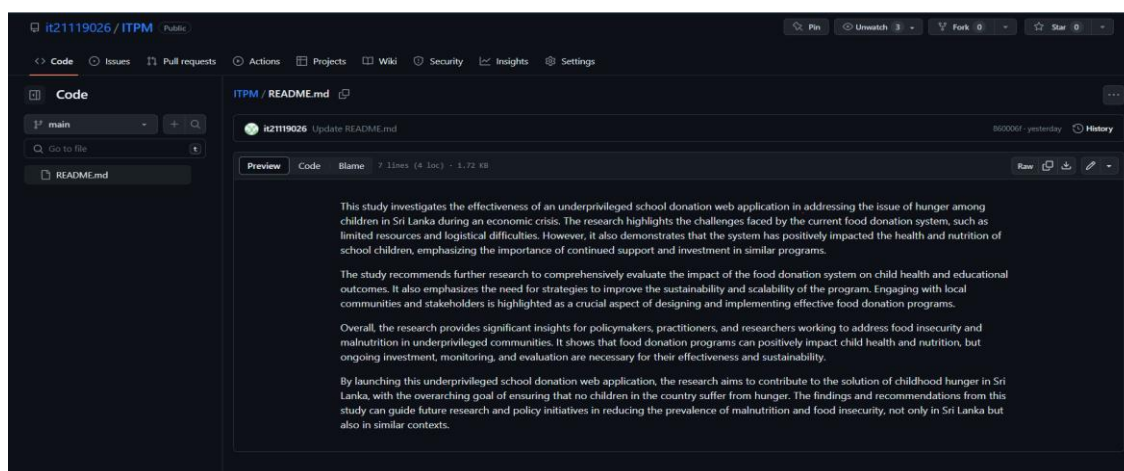
7. Code Frequency



8. Pulse



9. ReadMe.md



Selenium

1. Selenium IDE with the base URL

<http://localhost:3006> , <http://localhost:3000>

2. Automation test script

```
ITPM / admin-donor-donee-selenium-test-files / admin-donee-donor-function.txt

IT21034268 testing-files

Code Blame 223 lines (223 loc) · 8.16 KB

1 {
2   "id": "f7255174-634b-49db-b4e7-2b3d531869f1",
3   "version": "2.0",
4   "name": "itpm-project",
5   "url": "http://localhost:3006",
6   "tests": [{
7     "id": "4f8554f5-1e90-421f-96f5-834caad5110f",
8     "name": "admin-donee-donor-function",
9     "commands": [{
10      "id": "e512e12-06ee-4da3-b7a7-2d3106ee73ac",
11      "comment": "",
12      "command": "open",
13      "target": "/",
14      "targets": [],
15      "value": ""
16    }, {
17      "id": "cce78702-9662-4530-ad47-9094506c2677",
18      "comment": "",
19      "command": "setWindowSize",
20      "target": "1552x840",
21      "targets": [],
22      "value": ""
23    }, {
```

```
ITPM / admin-donor-donee-selenium-test-files / donee-function.txt

IT21034268 testing-files

Code Blame 1068 lines (1068 loc) · 44.1 KB

1 {
2   "id": "f778f821-20e1-44dc-8b33-877e2aad5e1f",
3   "version": "2.0",
4   "name": "itpm-project",
5   "url": "http://localhost:3000",
6   "tests": [{
7     "id": "a360e729-f6bd-42ed-bbe9-be103b3f535b",
8     "name": "donee-function",
9     "commands": [{
10      "id": "309ebf57-7a0e-4c60-abeb-7fc2cdaaccc9",
11      "comment": "",
12      "command": "open",
13      "target": "/Donee/",
14      "targets": [],
15      "value": ""
16    }, {
17      "id": "6d5b3bbf-15e1-4d49-8723-85d858e9a331",
18      "comment": "",
19      "command": "setWindowSize",
20      "target": "1552x840",
21      "targets": [],
22      "value": ""
23    }, {
24      "id": "581e3109-7153-413c-80e8-dbf02293beea",
25      "comment": "",
26      "command": "click",
27      "target": "linkText=Map",
```

```
ITPM / admin-donor-donee-selenium-test-files / donor-function.txt

IT21034268 testing-files

Code Blame 1012 lines (1012 loc) · 41.9 KB

1 {
2   "id": "96a83a9a-e29a-4305-8c1a-e284c6e6e9d9",
3   "version": "2.0",
4   "name": "itpm-project",
5   "url": "http://localhost:3000",
6   "tests": [{
7     "id": "2ce17630-c5f0-4ed5-900a-bd501b99e5c9",
8     "name": "donor-function",
9     "commands": [{
10      "id": "1d582dde-2d6c-4121-94e1-2d7f86dc42c7",
11      "comment": "",
12      "command": "open",
13      "target": "/Userdonate/",
14      "targets": [],
15      "value": ""
16    }, {
17      "id": "1e0095a3-c6a9-436e-ae27-1836fadf2b0c",
18      "comment": "",
19      "command": "setWindowSize",
20      "target": "1552x840",
21      "targets": [],
22      "value": ""
23    }, {
24      "id": "ddee3273-f768-4e3f-8143-720b45ffc93b",
25      "comment": "",
26      "command": "click",
```

```
ITPM / feedback-selenium-test-files / feedback-function.txt

IT21034268 testing-files

Code Blame 239 lines (239 loc) · 8.59 KB

1 {
2   "id": "efa24a09-152f-48f4-8853-46d26b15a49f",
3   "version": "2.0",
4   "name": "feedback",
5   "url": "http://localhost:3000",
6   "tests": [{
7     "id": "58d2686b-7579-441d-9b90-63054dec5020",
8     "name": "feedback",
9     "commands": [{
10      "id": "1576c618-b326-46cd-b6d0-82fbb729ab07",
11      "comment": "",
12      "command": "open",
13      "target": "/",
14      "targets": [],
15      "value": ""
16    }, {
17      "id": "b9e76796-38c2-4044-bb66-0fe25e45d655",
18      "comment": "",
19      "command": "click",
```

ITPM / admin-donor-donee-selenium-test-files / admin-donee-donor-function.js

IT21034268 testing-files

Code Blame 69 lines (68 loc) · 2.98 KB

```
1 // Generated by Selenium IDE
2 const { Builder, By, Key, until } = require('selenium-webdriver')
3 const assert = require('assert')
4
5 describe('admin-donee-donor-function', function() {
6   this.timeout(30000)
7   let driver
8   let vars
9   beforeEach(async function() {
10     driver = await new Builder().forBrowser('chrome').build()
11     vars = {}
12   })
13   afterEach(async function() {
14     await driver.quit();
15   })
16   it('admin-donee-donor-function', async function() {
17     // Test name: admin-donee-donor-function
18     // Step # | name | target | value
19     // 1 | open | / |
20     await driver.get("http://localhost:3006/")
21     // 2 | setWindowSize | 1552x840 |
22     await driver.manage().window().setRect({ width: 1552, height: 840 })
23     // 3 | click | css=.btn |
24     await driver.findElement(By.css(".btn")).click()
25     // 4 | mouseOver | css=.btn |
26     {
```

ITPM / admin-donor-donee-selenium-test-files / donee-function.js

IT21034268 testing-files

Code Blame 234 lines (233 loc) · 15 KB

```
1 // Generated by Selenium IDE
2 const { Builder, By, Key, until } = require('selenium-webdriver')
3 const assert = require('assert')
4
5 describe('donee-function', function() {
6   this.timeout(30000)
7   let driver
8   let vars
9   beforeEach(async function() {
10     driver = await new Builder().forBrowser('chrome').build()
11     vars = {}
12   })
13   afterEach(async function() {
14     await driver.quit();
15   })
16   it('donee-function', async function() {
17     // Test name: donee-function
18     // Step # | name | target | value
19     // 1 | open | /Donee/ |
20     await driver.get("http://localhost:3000/Donee/")
21     // 2 | setWindowSize | 1552x840 |
22     await driver.manage().window().setRect({ width: 1552, height: 840 })
23     // 3 | click | linkText=Map |
24     await driver.findElement(By.linkText("Map")).click()
25     // 4 | click | css=em.state | K6A7455 |
```

ITPM / admin-donor-donee-selenium-test-files / donor-function.js

IT21034268 testing-files

Code Blame 220 lines (219 loc) · 14.5 KB

```
1 // Generated by Selenium IDE
2 const { Builder, By, Key, until } = require('selenium-webdriver')
3 const assert = require('assert')
4
5 describe('donor-function', function() {
6   this.timeout(30000)
7   let driver
8   let vars
9   beforeEach(async function() {
10     driver = await new Builder().forBrowser('chrome').build()
11     vars = {}
12   })
13   afterEach(async function() {
14     await driver.quit();
15   })
16   it('donor-function', async function() {
17     // Test name: donor-function
18     // Step # | name | target | value
19     // 1 | open | /Userdonate/ |
20     await driver.get("http://localhost:3000/Userdonate/")
21     // 2 | setWindowSize | 1552x840 |
22     await driver.manage().window().setRect({ width: 1552, height: 840 })
23     // 3 | click | linkText=Donor |
24     await driver.findElement(By.linkText("Donor")).click()
25     // 4 | click | linkText=Map |
26     await driver.findElement(By.linkText("Map")).click()
```

3. Selenium IDE before/after running the test case

Selenium IDE - itpm-project*

"Selenium IDE" started debugging this browser

Cancel

Project: itpm-project*

Executing

donee-function*

http://localhost:3000

	Command	Target	Value
56	✓ click	css=tr:nth-child(1) .btn-danger	
57 //	✓ assert confirmation	Are you sure?	
58	✓ webdriver choose ok on visible confirmation		

Command

Target

Value

Description

Runs: 1 Failures: 0

Log

Reference

54. mouseOut on linkText=Donee OK21:18:41

55. chooseOkOnNextConfirmation OK21:18:41

56. click on css=tr:nth-child(1) .btn-danger OK21:18:42

58. webdriverChooseOkOnVisibleConfirmation OK21:18:43

'donee-function' completed successfully21:18:44

Selenium IDE - itpm-project*

"Selenium IDE" started debugging this browser

Cancel

Project: itpm-project*

Executing

donee-function*

http://localhost:3000

	Command	Target	Value
56	✓ click	css=tr:nth-child(1) .btn-danger	
57 //	✓ assert confirmation	Are you sure?	
58	✓ webdriver choose ok on visible confirmation		

Command

Target

Value

Description

Runs: 1 Failures: 0

Log

Reference

54. mouseOut on linkText=Donee OK21:18:41

55. chooseOkOnNextConfirmation OK21:18:41

56. click on css=tr:nth-child(1) .btn-danger OK21:18:42

58. webdriverChooseOkOnVisibleConfirmation OK21:18:43

'donee-function' completed successfully21:18:44

Selenium IDE - itpm-project*

Project: itpm-project*

Tests

Search tests...

admin-donee-donor-function*

http://localhost:3006

	Command	Target	Value
22	✓ click	css=.swal-button	
23	✓ click	linkText=Donor	
24	✓ click	linkText=Donee	
25	✓ click	linkText=Donor	
26	✓ mouse over	linkText=Donor	

Command

Target

Value

Description

Log

Reference

23. click on linkText=Donor OK21:28:48

24. click on linkText=Donee OK21:28:49

25. click on linkText=Donor OK21:28:49

26. mouseOver on linkText=Donor OK21:28:50

'admin-donee-donor-function' completed successfully21:28:50

Selenium IDE - Payment_Function*

Project: Payment_Function*

Tests +

Search tests...

http://localhost:3000

	Command	Target	Value
1	✓ open	/	
2	✓ set window size	1296x696	
3	✓ click	css=.product:nth-child(1) > button	
4	✓ run script	window.scrollTo(0,51.33333206176758)	
5	✓ click	css=.cart-item:nth-child(1) button:nth-child(1)	

Command //

Target

Value

Description

Log Reference

21. type on id=cardCvc with value 1234 OK	19:00:22
22. click on id=cardCvc OK	19:00:22
23. type on id=cardCvc with value 345 OK	19:00:22
24. click on id=billingName OK	19:00:22
25. type on id=billingName with value Balachandra OK	19:00:22
26. click on css=.SubmitButton-IconContainer OK	19:00:23
'Payment' completed successfully	19:00:23

Selenium IDE - Payment_Function*

Project: Payment_Function*

Executing +

http://localhost:3000

	Command	Target	Value
98	click	id=cardCvc	
99	type	id=cardCvc	234
100	click	id=billingName	
101	type	id=billingName	Balachandra
102	click	css=.SubmitButton-IconContainer	
103	click	css=a > h2	

Command //

Target

Value

