

NXTFolio - Iteration 5

Team Members

- Guang Hui Liew – Scrum Master
- Piyush Sharan – Scrum Master
- Quanqi Hu
- Vishnuvasan Raghuraman – Product Owner

Links

GitHub repo: <https://github.com/FashioNXT/NXTFolio/tree/fall2023>

Pivotal Tracker: <https://www.pivotaltracker.com/n/projects/2635646>

Slack: <https://app.slack.com/client/T05RUQT9FQB/C05REBYT4S3>

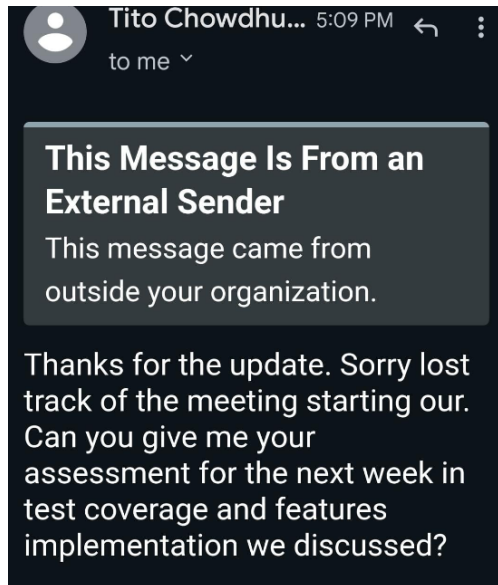
Deploy: <https://nxtfolio.herokuapp.com>

Client Meeting

Customer Meeting: Zoom, Friday, 22 Nov. - 4pm

[11/22/2023](#) - [Client meeting summary](#)

Unfortunately, the client did not attend this week's arranged meeting. We have reached out to the client via email and presented a comprehensive assessment, covering the current status of test coverage and feature implementation. As we came to an agreement with Professor and TA during the last iteration, no new feature development will be progressed and our team's full focus will be on legacy code's coverage. Significant progress has been made in terms of test coverage, and we have successfully increased the coverage from 27% to 84% across more than 2000 lines of code. Several bugs were also addressed in this development cycle. Notable fixes include resolving issues related to "Make User Admin" and "Searching" features. These bug fixes contribute to the overall stability and functionality of the system.



User Stories Implementation

As discussed and mentioned above, no user stories were implemented in this iteration as our team's full focus was on legacy code and testing coverage. While working on the legacy test development, we have identified some bugs and fixed them along the way on features like Make User Admin and Searching.

Changes to User Story:

No changes to the user story.

Unfinished Stories:

No unfinished story in this iteration.

Test Cases and Coverage (SimpleCov & Cucumber + Rspec) :

During this development cycle, the team undertook a comprehensive initiative to elevate the quality and maintainability of the project. The focus was twofold: first, a meticulous cleanup of legacy code associated with incomplete features was executed, streamlining the codebase and eliminating unnecessary complexities. Second, a proactive approach to testing was implemented, resulting in a remarkable increase in legacy code coverage from 27% to 84%. This not only enhances the system's robustness but also serves as a preventive measure against potential issues. Concurrently, efforts were directed toward improving production stability by identifying and rectifying bugs. These endeavors collectively contribute to a more reliable and resilient system. These efforts are geared towards ensuring a more efficient and effective project lifecycle, benefitting both the current and future teams involved.

Pre:

All Files (28.69%)

Controllers (36.75%)

Channels (0.0%)

Models (12.84%)

Mailers (43.48%)

Helpers (100.0%)

Jobs (0.0%)

Libraries (100.0%)

Ungrouped (0.0%)

All Files (28.69% covered at 3.86 hits/line)

68 files in total.
2224 relevant lines, 638 lines covered and 1586 lines missed. (28.69%)

Post:

All Files (84.08%)

Controllers (89.82%)

Channels (0.0%)

Models (89.09%)

Mailers (100.0%)

Helpers (100.0%)

Jobs (0.0%)

Libraries (100.0%)

Ungrouped (64.29%)

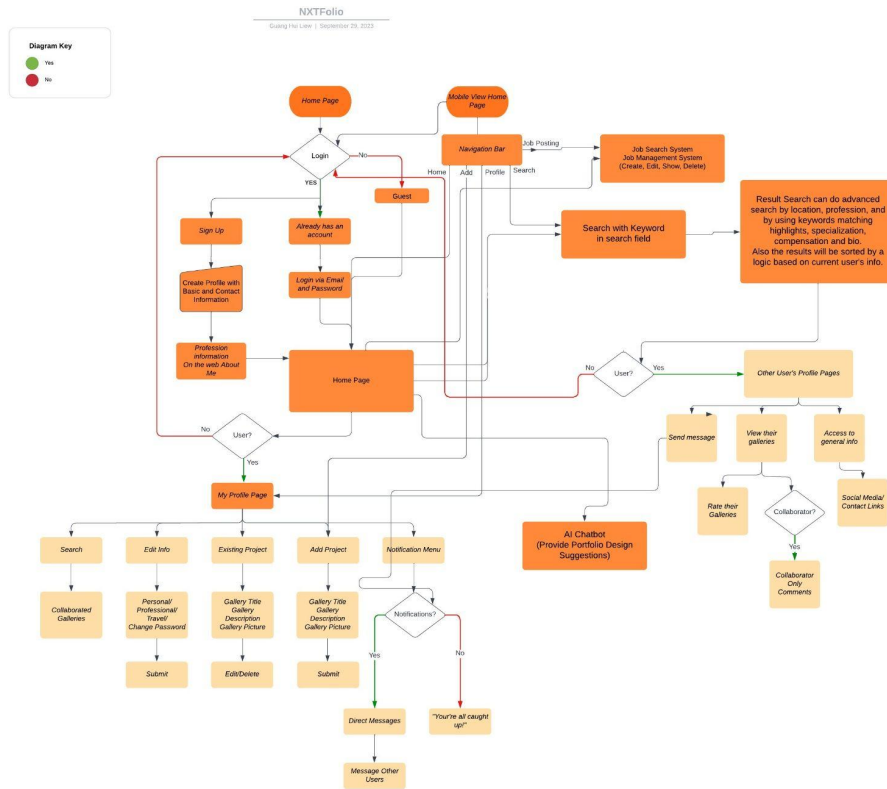
All Files (84.08% covered at 9.66 hits/line)

72 files in total.
1181 relevant lines, 993 lines covered and 188 lines missed. (84.08%)

Search:

File	% covered [▲]	Lines [⬇]	Relevant Lines [⬇]	Lines covered [⬇]	Lines missed [⬇]	Avg. Hits / Line [⬇]
app/channels/application_cable/channel.rb	0.00 %	4	4	0	4	0.00
app/channels/application_cable/connection.rb	0.00 %	4	4	0	4	0.00
app/jobs/application_job.rb	0.00 %	2	2	0	2	0.00
app/models/concerns/RollbackLogger.rb	0.00 %	11	9	0	9	0.00
app/models/user.rb	38.46 %	30	13	5	8	0.38
app/controllers/turbo_devise_controller.rb	45.45 %	18	11	5	6	0.45
app/services/chat_service.rb	54.17 %	71	24	13	11	0.54
app/controllers/galleries_controller.rb	59.38 %	288	128	76	52	2.20
app/controllers/password_resets_controller.rb	64.00 %	58	25	16	9	1.16
app/uploaders/cover_uploader.rb	70.00 %	49	10	7	3	0.70
app/controllers/chat_controller.rb	71.43 %	12	7	5	2	0.71
app/uploaders/avatar_uploader.rb	72.73 %	49	11	8	3	0.73
app/uploaders/gallery_uploader.rb	72.73 %	54	11	8	3	0.73
app/controllers/application_controller.rb	74.29 %	71	35	26	9	97.69
app/controllers/general_info_controller.rb	79.80 %	342	99	79	20	1.72
app/controllers/show_profile_controller.rb	88.89 %	141	63	56	7	34.30

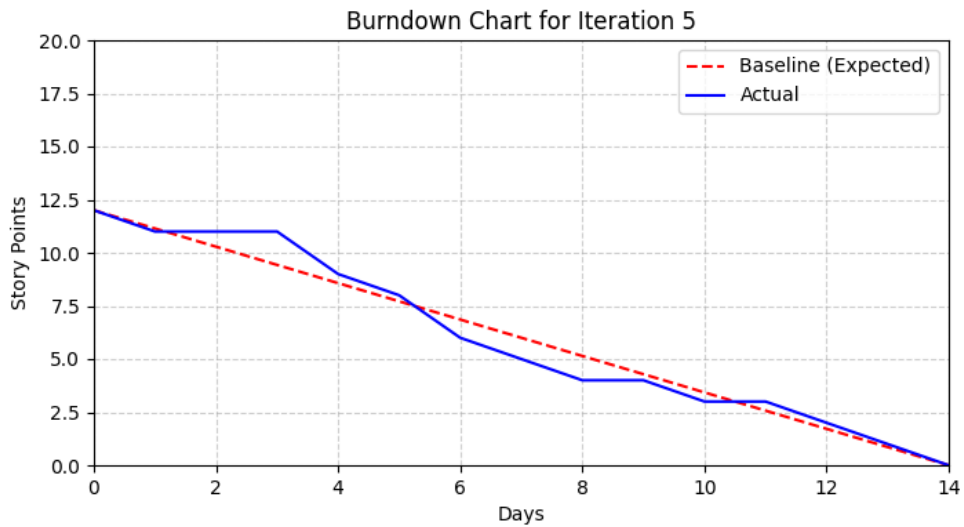
Design Diagram (See attached file in i5.tar) :



Production & System Customer Transfer

The repository is uploaded to the client's GitHub and deployed on Heroku with the client's credentials. This iteration we have also successfully deployed the collaborator commenting feature and the AI Chatbot feature.

Burndown Chart



Member's Effort

Total Points = 12

	Guang Hui Liew	Piyush Sharan	Quanqi Hu	Vishnuvasan Raghuraman
Points	3	3	3	3
Effort	100%	100%	100%	100%

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