

Inderjeet Gill (igill06)

2024 - Summer - Computer Science / W-1 Work

Project Coordinator Internship - Nutreco Canada Inc. (Trouw Nutrition Ontario)

GOALS / LEARNING OUTCOMES DETAILS

Learning Goal 1

**Learning Goal 1
Goal 1**

LITERACY - Technological Literacy

My first goal is to understand how to effectively use Amino and M3 together and how they communicate. As I am working on being successful in this area I want to help in creating and executing successful User Acceptance Tests, identifying any bugs during this process, and following up on them.

Action Plan 1

My action plan for this goal is:

- To take notes during meetings.
- Ask meaningful questions.
- Learn by constantly exposing myself to Amino and M3.

Measure of Success 1

My measure of success for this goal is:

- Assist in UAT (User Acceptance Testing) and be successful in that.
- Being able to work around issues as this project is still being worked on.

Reflection 1

My understanding of Amino has strengthened as I continue to work with it alongside M3. I have added many test cases to a previous test tracker, encompassing scenarios from API functionality to basic user setup. Anything that fails, I ensure to bring it up to the team I work with. We have not gotten too far along in our User Acceptance testing, hence that is an area I hope to continue work on. The achievements I made towards this goal were due to the help of my colleagues and being proactive in everyday work.

Learning Goal 2

**Learning Goal 2
Goal 2**

COMMUNICATING - Oral Communication

My second goal is to explain the bigger picture of this project as well as expand on its benefits and smaller details. There are many working parts and amazing people who ensure feed is delivered to flocks (birds), and Amino wants to help make it easier for those people.

Action Plan 2

My action plan for this goal is:

- Teaching myself by pretending like I am teaching a classroom.
- Connecting with different professionals in this process to hear firsthand how everything is being done currently.

Measure of Success 2

My measure of success for this goal is:

- Explaining this project to many different kinds of people.
- This can include people who are not familiar with technology such as Amino.

Reflection 2

Communicating the complexity of Amino has gotten much easier as I have spent more time with the application. Any time I start training someone new to Amino, I try to explain the bigger picture of wanting to take what is on a very detailed Excel spreadsheet to a more user-friendly application such as Amino; emphasizing the importance of predictive ordering software. As we continue training, meetings usually lead to discussions about the smaller details about Amino. This goal was the one I worked towards the most as I provided training regularly for the last few weeks of the four months.

Learning Goal 3

Learning Goal 3

Other: PROFESSIONAL & ETHICAL BEHAVIOUR - Personal Organization/Time Management

Goal 3

My third goal is to ensure I am meeting all my deadlines for testing Amino, as me not meeting my deadlines can affect others. These deadlines are crucial for ensuring the progress of this project.

Action Plan 3

My action plan for this goal is:

- Checking my calendar regularly.
- Checking my emails regularly.
- Planning accordingly to set myself up for success.

Measure of Success 3

My measure of success for this goal is:

- Not being behind on work.
- Not feeling like I don't have enough time to complete my tasks because I would start as soon as possible.

Reflection 3

The main goal for this project is to Go Live by the end of the year, training is being provided to regions that will use Amino, and that will continue throughout the fall months. I do not have any strict deadlines aside from providing training to the teams, hence this goal is still in the works. To ensure I stay on top of training I provide myself with personal deadlines as to what I like to go over with the team I am training and I update that weekly.

Learning Goal 4

Learning Goal 4

Other: GLOBAL UNDERSTANDING - Civic Knowledge & Engagement

Goal 4

My fourth goal is to understand the different business practices and nuances between provinces that will be using Amino. As an Ontario administrator, there are different ways we do things as simple as naming conventions and how data is organized, so knowing the differences between regions.

Action Plan 4

My action plan for this goal is:

- Observing different trends and practices between regions.
- Observing similarities to help simplify processes.

Measure of Success 4

My measure of success for this goal is:

- Being able to identify the similarities and differences between regions and coming to and understanding as to why.

Reflection 4

As we have started discussing Amino with provinces regularly we have come to find many differences that are in the works to

be implemented. A notable difference is some provinces like Ontario prioritize Veterinarian scripts for their birds, which is any medication that needs to be added to the feed and confirmed by a vet. This feature needs to be implemented in Amino as it is a crucial step in delivering feed to birds in Ontario, whereas it is not in Manitoba. Apart from different business practices, some provinces like Quebec prefer speaking in a different language and have a completely different set of rules and guidelines for manufacturing and shipping feed. I would like to improve my understanding of the differences between provinces a bit more in-depth, and I will gain that experience by providing training to Alberta and British Columbia on top of Ontario.

Learning Goal 5

Learning Goal 5

Other: CRITICAL & CREATIVE THINKING - Depth & Breadth of Understanding

Goal 5

My final goal for this summer work term is to fully understand the supply chain of delivering feed to chickens as this is an integral module of Amino. Outside of that knowing how Amino supports businesses especially those who would like a more custom plan for their feed. This goal and project also paints the bigger picture of the start of big tech in multiple sites and that is where a Project Manager can be influential.

Action Plan 5

My action plan for this goal is:

- Comparing the way feed is currently being delivered to flocks without Amino to when Amino will be used to do this work.
- Understanding the benefits of simplifying the process through technology.

Measure of Success 5

My measure of success for this goal is:

- Becoming more comfortable with terminology regarding Amino, M3, supply chain, and Feed delivery.

Reflection 5

Working closely with customer service, I have had the chance to ask questions about their current process of keeping track of deliveries and data regarding the birds. I feel I understand that process better, and connect their understanding of the Excel spreadsheets to the Amino application. I would like to expand that knowledge across the different provinces to ensure I provide relevant training.

Inderjeet Gill (igill06)

2024 - Fall - Computer Science / W-2 Work

Project Coordinator Internship - Nutreco Canada Inc. (Trouw Nutrition Ontario)

GOALS / LEARNING OUTCOMES DETAILS

Learning Goal 1

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Goal 1**

LITERACY - Quantitative Literacy

As we test Amino's projections/predictions against live data it is important to verify the numbers line up. If Aminos data doesn't look correct especially compared to real life situations, it's important to understand why, address that and come up with a solution.

Action Plan 1

- Line up data from the live Flocks in Excel (the current method of delivering feed) to what Amino is predicting, to see how close or off it is for various factors of a Flock, such as, Mortality, Projection Dates, Projected Amounts, etc...
- Ensure results are addressed in weekly meetings with the Product Manager and team that I am training.

Measure of Success 1

- Find similarities and differences between the two sets of data.
- Get predictions as close as possible to real life, most importantly the Projected Amounts for each Live Flock.

Reflection 1

This goal did not end up aligning with the work I was doing during the remainder of my time in this position. The testing upon receiving the newer version of Amino (Amino 2.13), was more focused on functionality of basic processes Customer Service teams would need to complete their daily tasks. Eventually we looked at the numbers Amino 's projections generated, and were able to tell if it made sense or not, but it was less of testing with a live Flock side-by-side.

Learning Goal 2

Learning Goal 2

Goal 2

Other: PROFESSIONAL & ETHICAL BEHAVIOUR - Leadership

Become more of a leader within my role in this project in both providing training to end users, as well as, expressing concerns/ideas confidently.

Action Plan 2

- Schedule and plan trainings, with each one having a clear objective.
- Using weekly meeting times to address concerns/things that are working well with regards to the functionality of the application as well as trainings

Measure of Success 2

- Progress of the Project can continue smoothly.
- I am able to help anyone who uses the application with concerns/questions.

Reflection 2

I was able to get some experience being a leader within the project while the Project Manager was away. I organized and led

calls to discuss bugs and feature requests for Amino with our vendors and team. It was a great opportunity to step outside my comfort zone, and the Amino team and I were still able to progress with our deadlines for the project while the Project Manager was away.

Learning Goal 3

Learning Goal 3 Goal 3

LITERACY - Technological Literacy

A newer version of Amino will soon be available to us, and my goal is to test it thoroughly ensuring a majority of the bugs we had reported have been fixed. This goal is one of my more important goals as it ensures the progress of this project.

Action Plan 3

- Dedicate majority of my hours to this goal, to ensure it is done in a timely manner.
- Compare my testing with colleagues to ensure we have consistent results.

Measure of Success 3

- Being able to identify all the issues that have been fixed and continue pushing for unresolved ones to be fixed.
- Report my findings to the Project Manager, my manager, and end users.

Reflection 3

We had quite a bit of dedicated time to finding bugs and pushing for them to be resolved by our vendors. This time happened to be while the project manager was away, hence I would provide daily updates to both my manager and product manager to show progress/lack of progress through identifying bugs and getting them resolved, then retesting the most recent code changes. In the end the Amino team was able to mark many of our previous bugs as resolved as well as zero critical issues that would prevent regions from going live with the software.

Learning Goal 4

Learning Goal 4 Goal 4

COMMUNICATING - Oral Communication

One of the things I have been asked to improve on from the last four months of my internship is my verbal communication. This can now be easily practiced as group trainings and one-on-one trainings are done more frequently.

Action Plan 4

- Always aim to be as clear as possible when training new users, avoiding super technical terminology.
- Ask for feedback during trainings and apply it ASAP to ensure users that are being trained are able to make the most of their trainings.

Measure of Success 4

- Feel more comfortable expressing ideas and conducting trainings verbally.
- Good feedback from users that I am training.

Reflection 4

This has been a continuous goal of mine from my first work term with Trouw Nutrition, and I feel as though I've gotten many opportunities to practice my verbal communication. Hence, I feel more comfortable expressing ideas. However, I

believe I can always continue improving on this goal in my remaining work terms as a personal goal.

Learning Goal 5

Learning Goal 5 Goal 5

LITERACY - Technological Literacy

If some of the regions are ready to go from the TEST environment in Amino to Live, there will be some new technology to learn to help that transition happen. In short, my goal is to understand and hopefully go through the process from transitioning regions from the TEST environment to Live.

Action Plan 5

- Learn new technology quickly and be able to train others on that.
- Be more mindful and aware of all the components that will go into getting regions to Go Live.

Measure of Success 5

- At least 2 regions are able to Go Live successfully.
- Users feel comfortable switching between the two environments.

Reflection 5

This goal was successful in terms of making the decision to Go Live with one region, we decided to only go live with 1 as that province has the simplest processes that worked well with the predictive ordering software. The rest of the regions will continue to Go Live in 2025. Due to that I was not able to be a part of the implementation of moving users from a testing environment to production, however, I am aware of how it works as that has been discussed and decided.