UNIVERSITY OF NAIROBI

COLLEGE OF BIOLOGICAL AND PHYSICAL SCIENCES

SCHOOL OF COMPUTING AND INFORMATICS

INDUSTRIAL ATTACHMENT BRIEFS

Name of Student: Mathews Obwana Murie

Institution Attached: Savannah Informatics Limited

Period of Attachment: Jan – Mar 2016

Objectives
1. Exposure to industrial work environments
2. Active participation in creating practical solutions using knowledge learnt
3. Build professional networks with potential employers

Activities Undertaken

Interoperability Seminar talk
I attended a talk at the University of Nairobi's College of Biological and Physical Sciences. The talk was about interoperability and it's relevance in the health-care industry and how crucial it is to developing robust health-care systems. I got to appreciate the terminologies that exist in the industry to facilitate interoperability such as SNOMED, DICOM among several other terminologies.

Technical Review
Technical reviews were carried out every evening during the internship. It involved carrying out a demonstration of the technical progress to the development team. Each member showed their contribution and how it worked. It revealed some errors in the line of thought that the developers had and it would also raise important discussions on the processes to be followed.

Client Demonstrations
These demonstrations happened at client sites and were the main source of time constraints to the development process. It is a run through of the system in the presence of the client. The type of

client determined the type of demonstration. If the client was a provider, the demonstration would emphasize on the provider part of the system. For the payer clients, it was the payer part of the system.

Book clubs

It was a weekly requirement for the interns to discuss a user experience book during the course of my internship. We were assigned weekly readings which we were to discuss the following week, which was usually on Mondays. It was a great learning experience as we got to learn about the motivations behind user experience and its need in the software development world.

Lessons worth Sharing

- Computer science as taught in school is of high relevance to the society. Often, references to units done was required during the internship period. The lack thereof would have proved to be a difficult time

- There is more to what is taught in school. Engaging with the industry has helped me learn the skills required in the IT industry, what the market requires and how to apply business intelligence to the products developed so that to effectively tap into the market.

- Positive attitude goes a long way in every activity one takes part. It may have appeared at times that the work environment may not have favored a newly joining intern. Positive attitude played a huge role in building confidence in the contributions I made at the work place and the eventual recognition of the effort I put.

- A teachable attitude was important when there were knowledge gaps at the work environment. This is because it often meant that one would have to ask for help from the relevant party. Assumptions that one is all-knowing often lead to unnecessary mistakes at the work place.