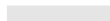# WEEKLY PROGRESS REPORT

Week 5-7

Directed Research Projects

Zohaib Ahmad & Waleed Irfan

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Immediate Supervisor : Dr. Safaa Bedawi
Assistant : Professor Sukhjit Singh Sehra

Weekly Report 5-7
Directed Projects

Student Names : Zohaib Ahmad & Waleed Irfan

Department: Computer Science (Honors)

Date: March 8 2021

Immediate Supervisor: Dr. Safaa Bedawi

Assistant : Professor Sukhjit Singh Sehra

TASK	STATUS	DURATION
Further tweaking our LSI algorithm to properly display the suggested terms to be used within SEO operations. Getting started on Tableau and determining how to portray the dashboard and what features to include.		2 weeks

WORK DONE		
Completed the tweaking of our algorithm based on last meeting's requirements. Have started to look into Tableau and how it's features can be used to display our data and findings on it's dashboard.		

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In Depth Analysis of Progress

In terms of the algorithm implementation, we ensured to have our results organized in a table to give a clean look. We also experimented the optimal number for our "num_topics". These were values between 200 – 1000, more so around 700 – 750. Ranking is more accurate and is more closely in knit with our dataset. Lastly, once we are one hundred percent confirmed on how our dashboard will be structured, we can then work towards a front end model for the user.

Citations

Sehra, S., Brar, Y., Kaur, N., & Sehra, S. (2017, June 10). Research patterns and trends in software effort estimation. Retrieved February 17, 2021, from https://www.sciencedirect.com/science/article/abs/pii/S0950584917304317

Sehra, S., Singh, J., & Rai, H. (2017, July 01). Using latent semantic analysis to identify research trends in openstreetmap. Retrieved February 16, 2021, from https://www.mdpi.com/2220-9964/6/7/195