SUPERVISOR MEETING

Project Name:	**Geospatial Analysis for Branch Location Optimization**		
Date of Meeting: (DD/MM/YYYY)	26-03-2018	Time:	17:00-18:00
Minutes Prepared By:	Shraddha	Location:	MR 4.1

1. Meeting Objective

Discuss regression variables and regression methods to use for final explanatory model.

2. Attendance at Meeting

Name	Role	Status	Remarks
Kam Tim Seong	Supervisor	Present	
Meenakshi Gopalakrishnan	Supervisor	Present	
Shraddha Ramesh	Minute Taker	Present	
Vani Sound	Participant	Present	

3. Meeting Agenda

- Present the modified variables for the regression model
- Discuss the specifics of the final explanatory model(s) to be built

4. Detailed Discussion/ Notes/ Decision

Agenda / Issues	Discussion	Decision
• Present the modified variables for the regression model	Things to change/improve: Calculate distance between the outlet and its nearest outlet to add to the predictor variables. There is no need to use weights to describe each POI differently. Use the attributes of all the neighbouring grids surrounding the grid which the outlet belongs to. (resident, transient and worker data) Calculate distances between outlet and nearest POI by type.	Calculate new variables and come up with a final file with all the variables for regression.

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• Discuss the specifics of the final explanatory model(s) to be built	After finalizing all the variables, perform multiple linear regression models to predict the customer count of each outlet. Run the regressions for all the outlets, and separate regressions for the different outlet types. Similarly, run the regressions for all outlets, and separate regressions for the different outlet types to predict the total sales revenue.	

5. Action Items

Action	Assigned To	Due Date
Add and modify predictor variables	Shraddha	28/03/2018
Run all the regression models	Vani	29/03/2018
Write report and rewrite abstract	Shraddha, Vani	30/03/2018
Create poster	Shraddha	30/03/2018

6. Next Meeting (if applicable)

Date: (DD/MM/YYYY)	27/03/2018	Time:	12:00-16:00	Location:	TBC
Objective:	Modify regression variables and create poster				