MICHIGAN STATE UNIVERSITY Alpha Presentation Predictive Rich Cards - Gemini

The Capstone Experience

Team GM

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Department of Computer Science and Engineering Michigan State University

Fall 2016



From Students... ...to Professionals

Project Overview

- Predictive Rich Cards, similar to Google Now, assists GM employees with daily tasks from their mobile devices
- Use machine learning methodologies and knowledge base to make suggestions to user
 Suggest meeting times from email contents
 Suggest when to leave for a meeting
 Suggest adding to your contact list

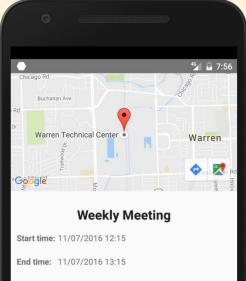
System Architecture

- Hardware
 - Azure Cloud
 - API and database
 - Machine Learning Studio
 - Capstone Rack Server
 - Exchange server to replicate GM environment
 - Window Server 2012
 - Android/iOS
- Software
 - Xamarin
 - Ruby on Rails

Screenshots

0	•		
	•		46 2 7:56
		Mike	LOGOUT
GEM	Search		
	Transit		
	1 hour	r 36 min to GM Tech	n Center
	Leave b	by 12:10	
mike@demo.gm.capstone			
		en Technical Center	Warren
LOG IN	Google		四层高
	Event		
	Weekly Meeting		
	Start Tim	ne: 11/07/2016 12:15	
		Event	
		Monthly Meeting Start Time: 12/07/2016 12:15	
	Start Im	le. 12/07/2010 12.15	
		0 D	

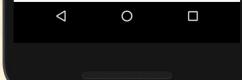
Screenshots

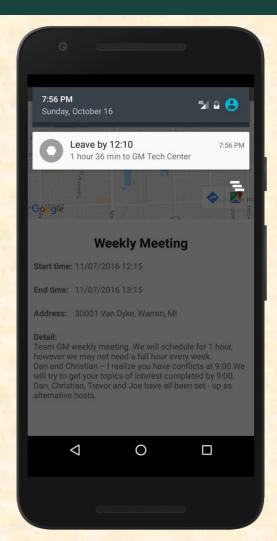


Address: 30001 Van Dyke, Warren, MI

Detail:

Team GM weekly meeting. We will schedule for 1 hour, however we may not need a full hour every week. Dan and Christian – I realize you have conflicts at 9:00.We will try to get your topics of interest completed by 9:00. Dan, Christian, Trevor and Joe have all been set - up as alternative hosts.

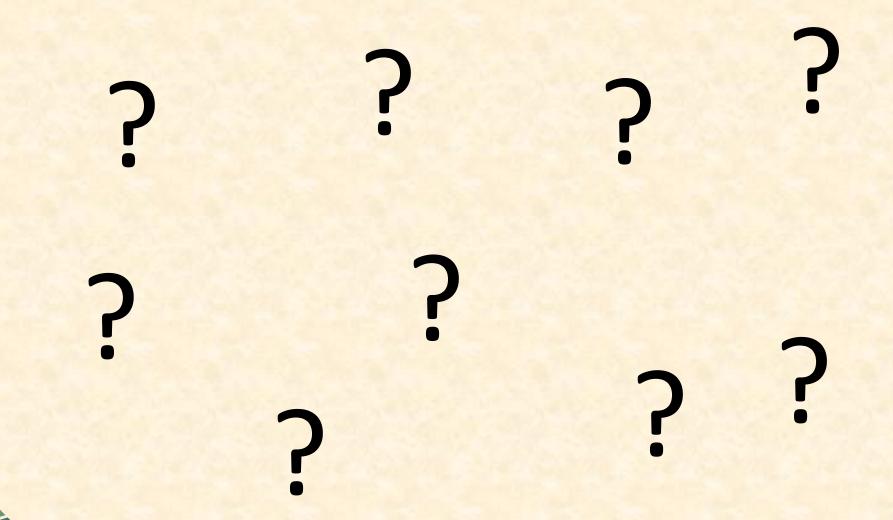




What's left to do?

- Continue ML classifications and training models for other use cases
- Improve design on mobile
- Add features on mobile & API
 - Feedback on accuracy of cards
 - Create more types of cards from other use cases and classifications

Questions?



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