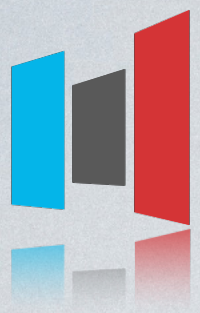


BRAINSTORMING ABOUT CONVERSATIONAL ROBOT (II)

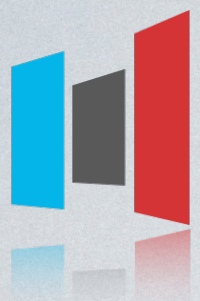
2016.08.16

GCG GBS CTO Office - Cognitive and Bluemix CoE



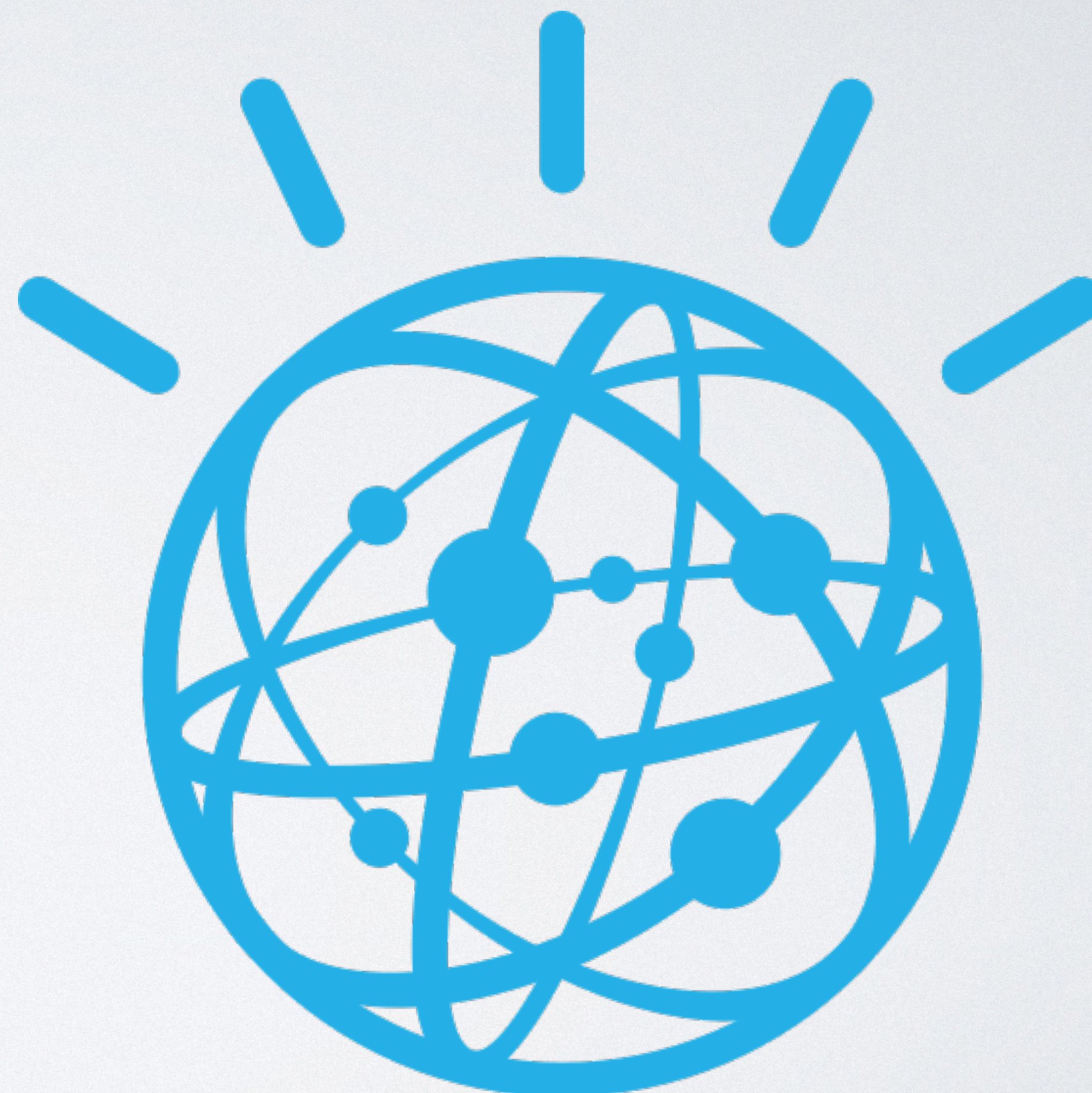
AGENDA

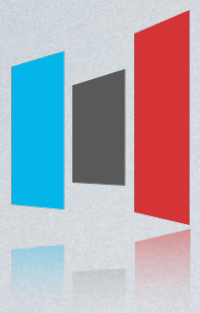
- Why a Conversational Robot
- Ideas collected
- Teams
- Brainstorming about technologies and feasibilities
- Plan and feasibility discussion



WHY A CONVERSATIONAL ROBOT

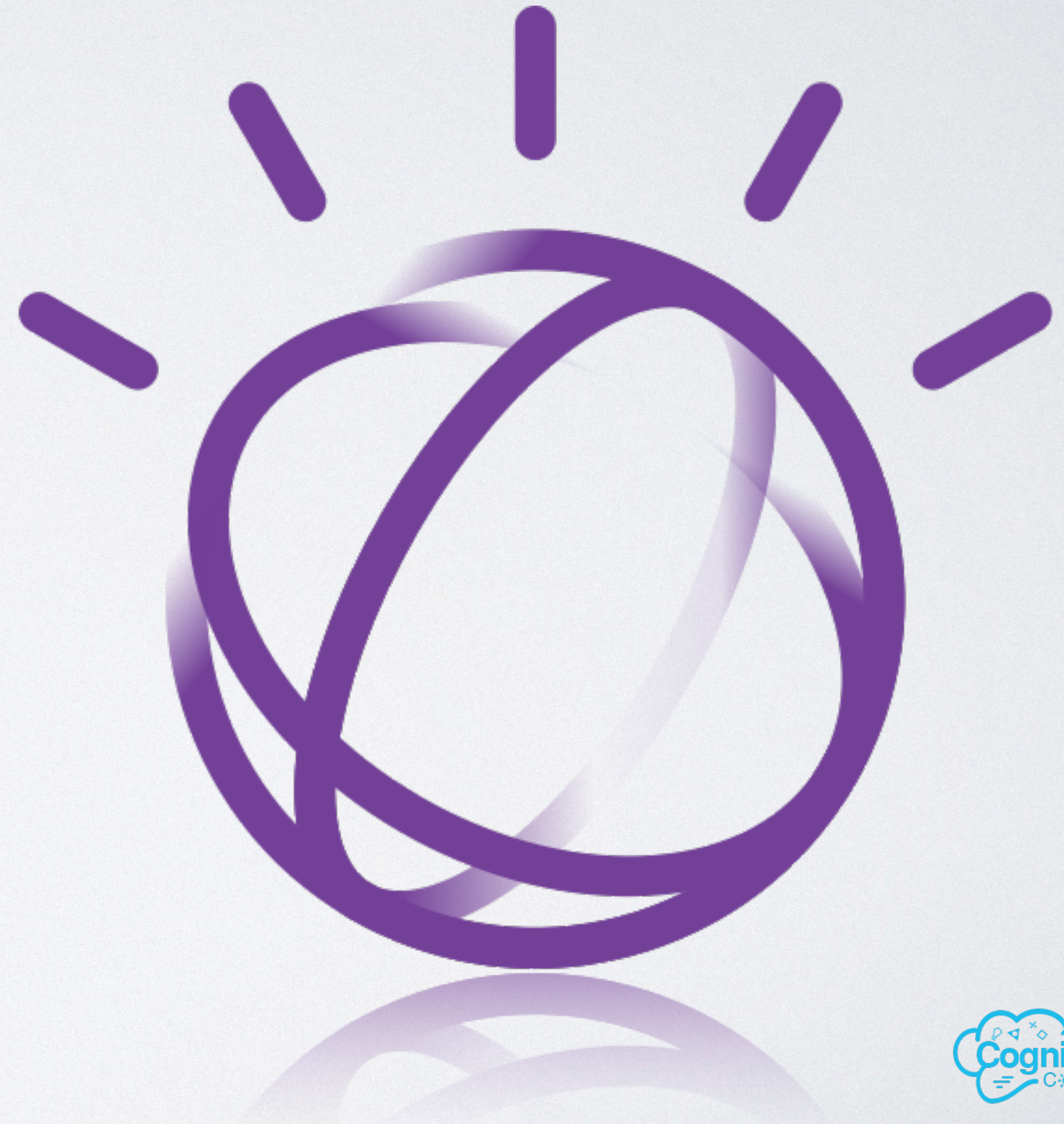
- We believe it is aligning with IBM's strategy
- We believe it will be attractive for the visitors
- Show our capabilities of
 - Processing natural language
 - Answering questions and free chat
 - Data collection and analysis
- Watson technology on Dedicated Bluemix
- TDD

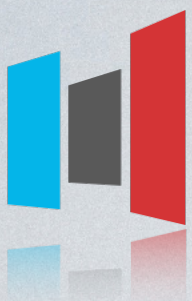




IDEAS COLLECTED

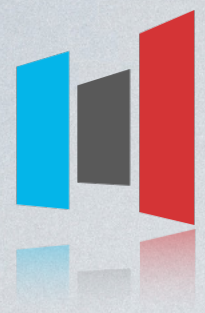
- Capabilities of
 - Introducing IBM, including history, IBM CEO, IBM Agile, Cognitive and Cloud
 - Introducing GBS Innovation Center and its released products, teams and assets
 - Introducing Bluemix capabilities and example of Watson Services
 - Introducing services and features the Robot can provide with/without context
 - Recommending restaurants and food around IBM office
 - Answering industrial knowledge and solutions





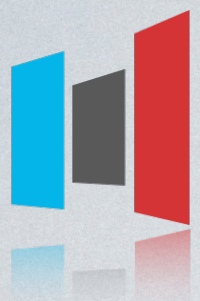
TEAMS





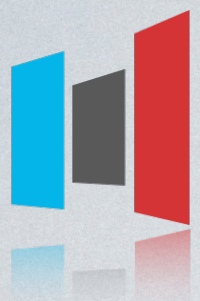
BRAINSTORMING ABOUT TECHNOLOGIES AND FEASIBILITIES

- Front-end technology base on Windows **7**
- Back-end technology on Bluemix



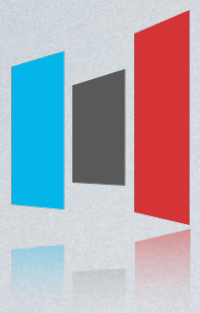
PLAN AND FEASIBILITY DISCUSSION

- Sprint **1**
- **Now** ~ Sep 09
- Provide a simple user interface on Windows Platform to demonstrate the capabilities of processing natural language and get result of intents



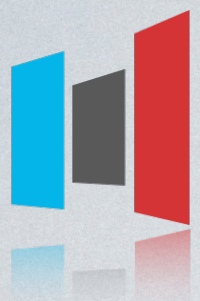
PLAN AND FEASIBILITY DISCUSSION

- Sprint 2
 - Sep 16 ~ Oct 7
 - Provide ability of answering random questions about GBS Innovation Center without context (Questions to be designed)
 - e.g. q: Define GBS Innovation Center; a: GBS Innovation Center is
 - Provide basic interface with separate views of Input and Output (UI to be designed)



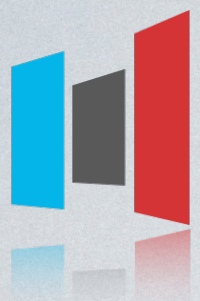
PLAN AND FEASIBILITY DISCUSSION

- Sprint 3
 - Oct 14 ~ Nov 4
 - Provide the capability of answering questions with context (Questions to be designed)
 - e.g. q1: I would like to have lunch here; a1: there are some restaurants near by, what kind of food do you prefer?
 - q2: would you show me the way to the pizza restaurant? a2: Here are the pizza restaurants, would you like to see the details?
 - q3: Yes please. a3: Here are the details of the restaurant (UI/UX to be designed).



PLAN AND FEASIBILITY DISCUSSION

- Sprint 4
 - Nov **11** ~ Dec **2**
 - Implement Speech features, allow user to interact using voice
 - Challenge: Voice wake-up, microphone and speaker



PLAN AND FEASIBILITY DISCUSSION

- Sprint 5
 - Dec 9 ~ Dec 30
 - Bug fixing and deployment