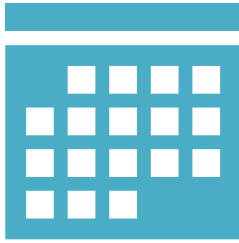


# Group 1: Austin, Debasis, Jo, Levi, Monica

## IST722 | Section M400| Micro Project Charter

Purpose, Background and Goals		Success Criteria
<p><b>Purpose:</b> Apply IST722 course knowledge by implementing a DWH/BI system based on a case study</p> <p><b>Background:</b> In the context of the case, there are two OLTP sources and a third source containing supplemental data</p> <p><b>Goals:</b></p> <ol style="list-style-type: none"> <li>1. The timely delivery of project artifacts</li> <li>2. The successful analysis, design, and implementation of a functional DWH/BI system</li> <li>3. Team cohesion and collaboration with shared work responsibilities.</li> </ol>		<ul style="list-style-type: none"> <li>• Identify functional requirements of Fudgemart, Inc.</li> <li>• Identify 4+ business processes to model in the DWH as part of functional requirements</li> <li>• Justify value of business processes</li> <li>• Implement 2 business processes in the DWH</li> <li>• Implement meaningful, actionable business intelligence according to Kimball methods</li> <li>• DWH is illustrative of 4 DWH characteristics</li> <li>• Satisfy project deliverables criteria</li> <li>• Present DW/BI initiative at executive level of information sharing</li> <li>• Demo illustrates the satisfaction of functional requirements based on business processes</li> </ul>
Products/Deliverables	Team Roles	Risks and Issues
<ul style="list-style-type: none"> <li>• Project document</li> <li>• High-level dimensional modeling worksheet</li> <li>• Detail-level dimensional modeling worksheet</li> <li>• DWH on SQL Server</li> <li>• SSIS ETL (Source-Target map, SSIS packages, dataflows, etc.)</li> <li>• BI (SASS cubes, reporting, documentation)</li> <li>• Presentation &amp; Demo</li> </ul>	<p><b>Team Leader/Business Lead:</b> Monica Joyner</p> <p><b>Project Manager:</b> Jo Vivian</p> <p><b>Business Analyst:</b> Austin Beller/Levi Peckham</p> <p><b>Data Architect/ETL Architect:</b> Debasis Chatterjee</p> <p><b>BI Architect:</b> Levi Peckham</p>	<ul style="list-style-type: none"> <li>• Time constraints</li> <li>• DWH/BI knowledge and experience constraints</li> <li>• New team required to gel at an accelerated pace</li> </ul>



# Key Dates

## Weekly Touchpoints

- 01/29/2020
- 01/26/2020
- 02/02/2020
- 02/09/2020
- 02/16/2020
- 02/23/2020
- 03/01/2020
- 03/08/2020
- 03/15/2020

## Milestone Delivery Dates

- Milestone 1:
  - Draft of project document – Project charter, project plan, outline of functional requirements, overview of business processes and value, primary team role assignments
- Milestone 2:
  - Draft of high-level dimensional modeling worksheet – bus matrix, attributes and metrics, documentation of issues
- Milestone 3:
  - Draft of detail-level dimensional modeling worksheet and SQL implementation

## Presentation Date

- 03/19/2020