Project Phase 1

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Vision and business case:

The plan for the project will be to assist the City of Windsor in developing the next generation open data access portal, complete with the ability to collect data, manage it, distribute it in various formats, and deliver high-quality API libraries for developers.

Use-Case model:

Use-Case: To collect, manage and distribute data in various formats on the data access portal.

Scope: Open access data portal

Primary Actor: City of Windsor/City Stakeholders

Secondary Actor: Developers

User's Interests: to collect live information for certain programs to be used in various ways where information needs constant update

Main Success Scenario: For the open data access portal to easily collect data, manage it, distribute it in various formats, and deliver high-quality API libraries for developers. Also for it to be easy to navigate and use for the user.

Alternative Scenarios: For the open data access portal to be difficult to use and navigate. For it to be difficult to collect, manage and distribute data and deliver high-quality API libraries for developers.

User Flow: User being able to navigate to the backend portion of the website and add/manage data by clicking a button that brings them to a screen allowing them to upload various file formats. Here they will be able to name, add a description and categorize data so that it is catalogued properly and can be easy to find in the future. After uploading the files and filling in the info corresponding to those files the user will be able to click a save button at the bottom to finalize, save and add it to the access portal.

Special Requirements: New information and tables are important such as information that can be found in the data sets such as the location of community centres, parking lots, and even bus routes/stops and garbage collection days. Easy to maintain and support since they can't afford too many technical staff in the IT department. Has to better catalogue data and allow usage statistics of some sort and help users find their data faster.

Supplementary specification:

This Data Access portal should be very user friendly and should run fast enough so that the user gets the entire page full of info loaded right away. Also needs to be easier and better at cataloging data while still being easy to maintain. Will need to have a way for users to find their data faster.

Glossary:

Dashboard: The main interface the user will interact with when they go to upload data on the backend of the site. The dashboard will have an easy to use interface for the user to upload data to the site, and to check foot traffic on the site.

Data Access Portal: Where visitors will come to view and access the open data catalogue.

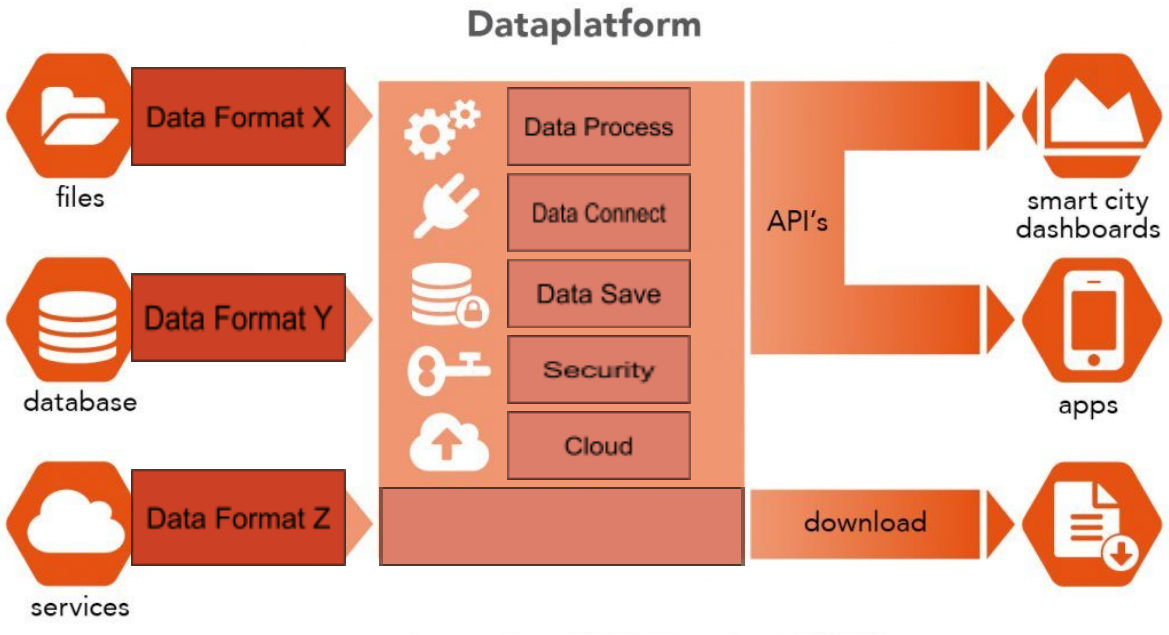
Risk List and Management Plan:

Ease of use: It needs to be easy to use and maintain since can't afford too many technical staff in the IT department.

Budget: Since their budget doesn't allow for many technical staff we must ensure that they have the proper budget to be able to host a domain and to be able to have a cloud or local based server.

Security: There needs to be proper security on the website so that private information can't get hacked.

Prototypes and proof of concepts:



Iteration Plan:

Item	Risk	Iteration Planning Phase	Meeting Attendees
Data management interface	High risk due to useability	Will be first	City of Windsor representatives/stakeholders, Development Team

Phase Plan and software development plan: We will be using UML for all architectural designs from use cases, and Java programming language to create code implementations.

Development Case:

Practice	Artifact	Incep.	Elab.	Const.	Trans.
	Iteration	**I1**	**E1…En**	**C1…Cn**	**T1…T2**
Agile Modeling req. workshop	Domain Molding		s		
Req. Workshop vision box exercise dot voting	Use-Case Model	s	r		
	Vison	s	r		
	Supplementary Specifications	s	r		
	Glossary	S	r		