

MID WAY REPORT: PROJECT SEMESTER

On

Tax Analytics- GST Solution

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CHAPTER 1

ENGINEERING PROBLEMS / OPPORTUNITY BEING ADDRESSED

- GST Solution is Deloitte's Application Service Provider (ASP) offering that can work as an interface with existing IT/ERP systems in order to ensure GST compliance.
- As there were so many types of Indirect taxes in India, and because of the new system of taxation GST coming in the country, all the customers be it individuals or multinational companies need to be tax compliant. That's where GST Solution comes into view.
- It is divided into two sections namely Outwards (Purchase) and Inwards (Sales), as there are different GSTR forms for every section, GST Solution acts as a convenient path for file upload that include all the transactions on the invoice level and from a simple transaction file build a GST compliant GSTR form (GSTR1 for Outwards and GSTR2 for Inwards).

Hence a tool for all this can become useful for every client that wants to be GST compliant.

CHAPTER 2

PROJECT GOALS AND OBJECTIVES

- GST Solution helps all its users to fill their returns and generate GST compliant invoices without actually upgrading their old system.
- Assign GST compliant Invoice numbers to invoices that are not GST compliant and are being generated from the ERP system.
- The tool can act as a repository for all the tax calculations that are on item level and is also dependent on place of supply. So from all these inputs the tool can directly calculate the required GST rates (IGST, CGST, SGST, UTGST or CESS) and can also tell the users that the file he is trying to upload is GST compliant or not.
- The tool also has a maker-checker functionality that is very important and helps the user to only upload the valid data that can be validated using its head or the admin.
- It also has a feature that reminds the user of the due date of filing the returns for example it is 11th of every month for GSTR1, etc.
- It can also help you summarize the data in a GST compliant format at each and every invoice level which includes all the details like Bill to, Ship to, GST rates, exemptions and various other heads together.

CHAPTER 3

PROPOSED METHODOLOGIES

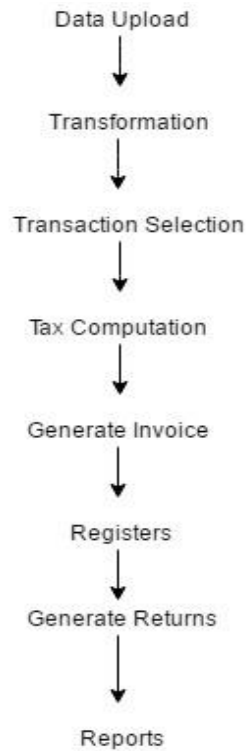


Fig 1.1 Methodology of GST Solution

These are the 7 basic steps of the GST Solution and is realized using Microsoft SQL Server Management Tool, Microsoft Visual Studio 2015 in the database side and AngularJS, HTML, C# on the UI side.

CHAPTER 4

WORK DONE

Till now I have learnt basics of MVC for front end and basics of SSMS for the database management.

MVC is used for adding the new client features and functions to the front end side of the software.

SSMS is used for managing the databases and ensuring that the tool is running efficiently.

CHAPTER 5

RESULTS

We've successfully resolved the clients issues with the filling and generation of the error reports.

The front end problems and new features are added according to the requirements set by the client.

The reports generated are more efficient and optimized.