Sri Lanka Institute of Information Technology
Information Technology Project (IT2080)
Year2, Semester 2 - 2018

Final Project Charter

Title of the Project :	Web Portal for Sampath Bank
Batch :	Weekday – Batch 03
Development Technology :	Java

Description of the Project:

The client's (Sampath Bank) main requirement was for us to develop a leasing calculator that will display the monthly rental and lease capital as the leasing facility, once the required data are entered, as well as generating security documents for the branch staff.

These requirements only satisfy one functionality criteria for the ITP module.

Hence, we have introduced seven more subsystems as the solution for a simulated problem. Basically, the system will address 'Leasing Calculator with Leasing Security Documentation and Agreement Management' functionality, 'User Management' functionality, 'Employee and HR Payroll Management' functionality, 'Inventory Management' functionality, 'Procurement Management' functionality, 'Transaction Management' functionality, 'Loan/Deposit/FD/Gift Management' functionality and 'Fault/ Complaint Management' functionality.

Original requirement was arisen due to technical difficulties which are related to excel work sheets (macros) which the current system at Sampath Bank is comprised of.

Details of the Group Members: *(Provide the details of the group leader in the first row)*

	Name with Initials	Registration Number	Contact Phone Number	Email
1.	Samarasekara S.A.M.I.D.	IT17395588	0772841580	isurusamarasekara@icloud.com
2.	Bogahawatte W.W.M.K.A.	IT17139786	0779979350	keshanibogahawatte96@gmail.com
3.	Atheeq M.M.M.	IT17137492	0716346044	atheeqrc@gmail.com
4.	Sandeepani K.K.T.	IT17138796	0722299384	thulshiKodithuwakku@gmail.com
5.	Gamage V.S.	IT17134668	0776950590	sahanigamage@gmail.com
6.	Wijemanna M.D.C.V.	IT17156998	0771306203	chathurkavish@gmail.com
7.	Subasinghe S.M.M.K.	IT17134736	0719531771	mad.subasinghe@gmail.com
8.	Sankalpani K.K.T.	IT17138864	0761951313	thushadiKodithuwakku@gmail.com

Sri Lanka Institute of Information Technology
Information Technology Project (IT2080)
Year2, Semester 2 - 2018

List of Functions Developed by the Group Members:

	Name with Initials	Brief Description of the Function
1.	Samarasekara S.A.M.I.D.	Employee & HR Payroll Management: - • Keep records of active and inactive employees. • Manage department to employee details. (No of emps in each dept., etc.) • Updating employee details. (Approved by the HR department) • Search facilities for the next-in-line employees in the hierarchy. • Calculating employee salary. • Wage payout. • Administrative leave management. • Leave requesting(employee) and request handling (HR dept.). • Leave history, status and summary management. • Skills Management. • Performance tracking and evaluation. • Relevant document and report generations for customers and employees.
2.	Bogahawatte W.W.M.K.A.	User Management: - • Customer (by employee) and Employee online account creation. • Access Level Management. • Redirecting to different system security levels. • Initial password delivery (email) or pdf. • Account recovery. • Updating personal details of any user. • Two-way Authentication. • Intracompany Mailing System • Generation of relevant reports and documentation.
3.	Atheeq M.M.M.	Inventory Management: - • Keep track of branches and warehouses. • Requesting items from warehouses. • Restocking alerts. • Recording inward and outward items. • Search functionality for inventory. • Managerial approval and verification over all stock inwards and outwards. • Generation of relevant reports and documentation.
4.	Sandeepani K.K.T.	Procurement Management: - • Search functionality for suppliers. • Supplier suggestions based on past date for cost effective purchases. • Order invoice preparation. • Managerial confirmation for the received invoices by the procurement manager. • Tracking payments, invoices and payments against invoices. • Confirmed order invoice hard copy generation. • Relevant document generation of overall procurement process.
5.	Gamage V.S.	Transaction Management: - • Outstanding balance (on physical account) display with security verification. • Interbank and Intrabank transactions.

		• Transaction restrictions and bounds implementation. • Invalid transaction notifications. • Transaction history recording and display. • Bill payments and standing order facilities integrated with transaction regulations and restrictions. • Alerts regarding transactions. • Generation of relevant reports and documentation.
6.	Wijemanna M.D.C.V.	Loan/ Deposit/ FD/ Gift Management: - • Interest rates and loan amount margin display according to the loan type. • Monthly installment calculation and display for a requested loan amount. • Employee must be able to enter relevant customer information and store them. • Relevant documents should be generated using saved data. • Loan suggestions must be displayed using the customer's current and past data. • Managerial control over loan percentages and minimum amounts. • Generation of relevant reports and documentation.
7.	Subasinghe S.M.M.K.	Lease Calculator and Security Documents: - • Lease Calculator: - Branch staff as well as site visitors must be able to calculate and view the monthly instalments for a specific lease amount. (Structured and Normal Lease calculators should both be implemented) • Leasing Schedule – Monthly Payments, Calculation. • Leasing Schedule – Structured Payments, Calculation. • Stipulated Loss Value – Monthly Payments, Calculations. • Stipulated Loss Value – Structured Payments, Calculations. • Employees should be able to update rates, define new rates and remove existing rate based on their access level. • Seven types of documentations must be generated using entered and calculated values for customers.
8.	Sankalpani K.K.T.	Fault/Complaint Management: - • Complaint Lodging. (sorted in to categories) • Complaint Handling by employees. • Customers must be informed about the complaint in different important stages. • Complaint history display for customers. • Analyzation of the complaints and follow-ups. • Card Cancellations based on specific criteria imposed by the bank. • Acknowledge complaints. (Simple chat box) • Generation of relevant reports and documentation.

- With regarding to the guidance of maximum 3 pages, only the sub-function declarations were given rather than both the declaration and descriptions.