



# Sri Lanka Institute of Information Technology

## Information Technology Project (IT2080)

Year2, Semester 2 - 2018

### Project Charter

|                                 |                             |
|---------------------------------|-----------------------------|
| <b>Title of the Project :</b>   | Web Portal for Sampath Bank |
| <b>Batch :</b>                  | Weekday – Batch 03          |
| <b>Development Technology :</b> | 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 for the leasing facility and lease capital, once the required data are entered, as well as generating security documents for the branch staff.

The functions at average, make up two subsystems which will cover enough functionalities for two members.

Since the university requirement is larger, we, furthermore, introduced six subsystems which, in all, will make up an entire web portal (hence the name "Web Portal" as oppose to "Leasing Calculator with Security Documents").

Basically, this application will address 'Leasing Calculator' functions, 'Leasing Security Documentation and Agreement Management' functionalities, 'User Management' functions, 'Transaction Management' functionalities, 'Employee and Payroll Management' functions, 'Individual Employee Profile Management' functionalities, 'Fault – Complain Management' functions, 'Loan, FD's and Deposit Related Functions'.

This requirement (Company requested requirement only) 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)*

|    | <b>Name with Initials</b> | <b>Registration Number</b> | <b>Contact Phone Number</b> | <b>Email</b>   |
|----|---------------------------|----------------------------|-----------------------------|--|
| 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                  | atheeqr@gmail.com  |
| 4. | Subasinghe S.M.M.K.       | IT17134736                 | 0719531771                  | mad.subasinghe@gmail.com   |
| 5. | Gamage V.S.               | IT17134668                 | 0776950590                  | <a href="mailto:sahanigamage@gmail.com">sahanigamage@gmail.com</a>               |
| 6. | Wijemanna M.D.C.V         | IT17156998                 | 0771306203                  | <a href="mailto:chathurkavish@gmail.com">chathurkavish@gmail.com</a>             |
| 7. | Sandeevani K.K.T.         | IT17138796                 | 0722299384                  | <a href="mailto:thulshiKodithuwakku@gmail.com">thulshiKodithuwakku@gmail.com</a> |
| 8. | Sankalpani K.K.T.         | IT17138864                 | 0722299385                  | thushadiKodithuwakku@gmail.com   |



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### List of Functions Developed by the Group Members:

|    | Name with Initials      | Brief Description of the Function   |
|----|-------------------------|---|
| 1. | Samarasekara S.A.M.I.D. | <p>Employee &amp; Payroll Management (All Employees) -</p> <p>Salary Management – Gather all required details of the employee to calculate the salary, generate pay slips and to do other related functionalities.</p> <p>Printing pay slips if required.</p> <p>Track pay slips and update the database accordingly.</p> <p>Performance evaluations using past records.</p> <p>Analyzed information to influence the employee position. (To give out summarized information to influence the decisions on promoting, demoting, complaining to HR, etc.)</p> <p>Point (performance-wise) system implementation.</p> |
| 2. | Bogahawatte W.W.M.K.A.  | <p>User Management –</p> <p>Customer Accounts -- An authorized employee at the bank can create an online account for a customer and the temporary password will be sent as a pdf to the email provided.</p> <p>Employee Accounts – There are number of employee types (ex :- receptionist, manager), and each has their own account and a given access level.</p> <p>Any person can access the information which are only accessible by his/her access level.</p> <p>All expected functionalities, such as, update selected information on the account, password recovery etc.</p>                                  |
| 3. | Atheeq M.M.M.           | <p>Individual Employee Profile Management –</p> <p>Basic Profile functionalities for all employees.</p> <p>Your own individual performance tracking.</p> <p>Displaying of all the related employee details (ex :- Total points accumulated).</p> <p>Applying for leave.</p> <p>Leave approval and Employee event management in accordance with the leave approval.</p> <p>Sending and receiving relevant notifications.</p>   |
| 4. | Sankalpani K.K.T.       | <p>Fault - Complain Management –</p> <p>Complain lodging and fault reporting.</p> <p>Summon requests/ technical support request management.</p> <p>Complain history/ status management.</p> <p>Simple real time chatting/ inquiry.</p> <p>Card cancellation in response to complaints or insufficient balance or etc.</p>   |



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|----|---------------------|---|
| 5. | Gamage V.S.         | <p>Transaction Management –</p> <p>When a transaction is requested by an user, amount restrictions and other requirements will be checked before approving the transaction. Relevant transaction notifications will be sent out and received. Transaction history will be provided for the users. Payments can also be done using this application.</p>                           |
| 6. | Wijemanna M.D.C.V   | <p>Functions Related to Loan, FD &amp; Deposit –</p> <p>Calculating and displaying relevant values when required data are entered.</p> <p>Making suggestions for users visiting the calculator.</p> <p>An authorized employee must be able to introduce new rates, update existing rates as well as remove rates from the database.</p>   |
| 7. | Subasinghe S.M.M.K. | <p>Leasing Calculator -</p> <p>Branch staff should be able to calculate and view the monthly instalment (include structures leasing facilities) after the required data are entered.</p> <p>Calculations are done using base values stored in the database.</p> <p>Authorized employees should be able to update rates and define new rates as well as remove rates entirely.</p> |
| 8. | Sandeepani K.K.T.   | <p>Leasing Security Documentation and Agreements -</p> <p>When a leasing agreement is initiated, certain details must be collected.</p> <p>Requested documentations must be generated using base templates in which the blank spaces are filled using the data contained in the database.</p>   |