COMP9322- Assignment 2 Marking Guide (S2, 2017)

Group Name:	**Examiner: Helen Paik**		
Preparation for the Demo		Y	N
• Is everything setup: service running, client apps ready to go? - – You should also download the submission and have it ready for inspection • Is there a demo scenario (e.g., some test data, workflow scenario, etc.)			
REST-based Service Implementation (Total 45% (with Data service)) Note: for the server-side part, we will examine your code on server-side resources. You will be asked to explain how things are designed and implemented as RESTful services	**A**	**B**	**C**
- **License Renewal Service** o The implementation shows clear separation of the systems (client, service) o The resources and their URL patterns are identified and implemented according to the REST principles (explain them) o All required HTTP methods on the resources are designed and implemented, they meet safety and idempotency properties (explain them) ▪ e.g., on POST of Renewal Requests, what are the conditions being checked by the service? ▪ e.g., on PUT of Payment, what are the conditions being checked by the service? o The links between resources (i.e., in terms of the service-side giving hints/nudge to the client applications about what can be done given the state of the resource that the client application is just given) are clearly considered and designed/implemented o Potential points of failures and recovery mechanism have been considered o Logging (to demonstrate the REST request/response interactions between the client applications and the service) is done. It is clearly printed and easy understand the interactions o Authentication and authorisation are implemented per spec (i.e., using keys in the header, having clear rules about who can access what in terms of the resources on the service-side) and can be demonstrated clearly - **Data Services implementation** o The service offers access to raw data in XML (i.e., returns XML) o The data service API/URL designs are clear (i.e., the URL gives an indication as to what could be the expected output) o The service, overall, behaves as expected and operates smoothly o XSLT or XQuery is properly integrated into the implementation			
Client Application Implementation (40%) Note: for the client application part, we will examine the HTTP traffic traces and the application logic (i.e., the workflow of each user type) – also some common sense test will be applied to your UI/functionality design of the app.	**A**	**B**	**C**
- On Driver's workflow: e,g, able to process a renewal request, check updates (i.e., see status), make payment, archive, etc. - On RMS Officer's workflow: e.g., process renewal requests, list current requests, etc. - SOAP service is correctly integrated into the app - Each user type is clearly defined and authorised to access different part of the system. Each application, overall, behaves as expected and operates smoothly - Some flexibility is considered in the system (e.g., allowing to change)			
Group Meetings, Overall Quality of the Project Outcomes (15%)	**A**	**B**	**C**
- Two meetings?, Every meeting was well prepared and detailed discussions were possible due to the preparation. Demonstrated good group work - Quality of the implementation			
Remarks			
A: The outcome is of high quality and no errors **B:** the outcome is of average quality with a few minor errors or one major error **C:** the outcome is poor (or not implemented, or does not run – not being able to assess)			
Total Mark: /100			