

Sprint 1	Fail	Pass	2nd Class	First Class	
Planning	<ul style="list-style-type: none"> Unsuccessful attempt, or no attempt for planning, Obvious lack of knowledge Misunderstanding of fundamentals (0 , 1) 	<ul style="list-style-type: none"> Successfully identified roles within the team A number of tasks are roughly identified Identified tasks are assigned to the members. (2) 	<ul style="list-style-type: none"> Successfully identified the roles with more details Tasks and deliverables are rigorously identified All tasks are assigned to the members. A delivery schedule is put together (3, 4) 	<ul style="list-style-type: none"> Comfortably and optimally identified roles Tasks and deliverables are optimally identified and described. Tasks are optimally assigned to the members A clear schedule of delivery is worked out (5) 	/5
Use of Database and Login Function	<ul style="list-style-type: none"> No use or unsuccessful use of DB and JDBC Misunderstanding or unawareness of the fundamentals (0 , 1) 	<ul style="list-style-type: none"> Connection to DB achieved Successfully running Login operation through DB via JDBC Basic awareness of the knowledge and DB technology (2) 	<ul style="list-style-type: none"> Successful connection to DB and use JDBC including all relevant SQL statements for Login functions Clear view and plan on further use of DB for the rest of the WebApp Awareness of limits and implications (3, 4) 	<ul style="list-style-type: none"> Comfortable and optimal use of DB operations, well-embedded in model classes, and successfully displaying the results via existing viewers Clear understanding of wider context of the knowledge with all relevant limits and implications (5) 	/5

Sprint 2	Fail	Pass	2nd Class	First Class	
Planning	<ul style="list-style-type: none"> Unsuccessful attempt, or no attempt for planning, Obvious lack of knowledge Misunderstanding of fundamentals (0 , 1) 	<ul style="list-style-type: none"> Successfully identified roles within the team A number of tasks are roughly identified Identified tasks are assigned to the members based on their roles. (2, 3) 	<ul style="list-style-type: none"> Successfully identified the roles with more details Tasks are rigorously identified All roles are mapped with the tasks. A delivery schedule is put together (4, 5, 6) 	<ul style="list-style-type: none"> Comfortably and optimally identified roles Tasks are optimally identified and described. A clear schedule of delivery is worked out (7, 8) 	/8
Deliverables	<ul style="list-style-type: none"> Unsuccessful of very little successful delivery of tasks identified No evidence of effort put together for delivery (0 , 1, 2, 3) 	<ul style="list-style-type: none"> A number of model, viewer and controller classes are successfully delivered The architecture is made clear Evidence of a number of partially completed tasks More new tasks identified, few unattempted /outstanding tasks (4, 5, 6, 7) 	<ul style="list-style-type: none"> Successful delivery of the majority of the tasks including backend and frontend components The architecture is crystal clear Further tasks are identified and few unattempted/outstanding task planned ahead Few work-in-process / incomplete tasks on the track a little behind the target (8, 9, 10, 11) 	<ul style="list-style-type: none"> Successful delivery of the majority or almost all of the tasks, Architecture is optimally designed No new tasks identified Few tasks to be tweaked / fine-tuned Viewer classes are to be improved Deliverables for WS and Filters are planned ahead (12, 13, 14, 15) 	/15
Teamwork Effort	<ul style="list-style-type: none"> Complete confusion in role playing Not much communication among the group members (0 , 1) 	<ul style="list-style-type: none"> Basic role playing, some tasks are replicated due to confusions Require further clarifications about the role Adjustments needed for fairness and balance. (2, 3) 	<ul style="list-style-type: none"> All conscious about the roles, All clear about the tasks and deliverables assigned to each There is a little adjustment needed to improve fairness, (4, 5) 	<ul style="list-style-type: none"> All members are clear on their roles, and the outstanding tasks to be completed by each member, A very good harmony achieved among the members No adjustment needed (6, 7) 	/7

Sprint 3	Fail	Pass	2nd Class	First Class	
MVC pattern	<ul style="list-style-type: none"> Unsuccessful attempt, or no attempt for implementing MVC patterns Obvious lack of knowledge Misunderstanding of fundamentals (0, 1, 2, 3, 4) 	<ul style="list-style-type: none"> Successfully working Servlet/JSP classes in mixture of view, control and model roles Basic grasp of knowledge, but, inaccuracy in use of jargon (5, 6, 7, 8) 	<ul style="list-style-type: none"> Successful use of MVC patterns, clear split of the roles for models, viewers and controllers Clear explanations in the wider context of the terms, Being aware of implications of the techs. (9, 10, 11, 12) 	<ul style="list-style-type: none"> Comfortable and optimal use of MVC patterns, clear split of the roles over M, V and C. Clear explanations of the terms, and concepts with all limits and opportunities. (13, 14, 15) 	/15
Database and SQL operations	<ul style="list-style-type: none"> No use or unsuccessful use of DB and JDBC Misunderstanding or unawareness of the fundamentals (0, 1, 2) 	<ul style="list-style-type: none"> Partially implemented DB and JDBC Successfully running some of DB operations Basic awareness of the knowledge and DB technology (3, 4, 5) 	<ul style="list-style-type: none"> Successful use of DB operations and JDBC including all relevant SQL statements Connection to DB is managed anyhow. Clear explanations of the terms in the wider context Awareness of limits and implications (6, 7, 8) 	<ul style="list-style-type: none"> Comfortable and optimal use of DB operations, well-embedded in model classes, and successfully displaying the results via viewers Connection is managed once in application scope and used ahead Clear understanding of wider context of the knowledge with all relevant limits and implications (9, 10) 	/10
Sessions	<ul style="list-style-type: none"> No use of Sessions, or unsuccessful use Not being aware of session concepts (0, 1) 	<ul style="list-style-type: none"> Basic use of sessions, partially functioning sessions, Not inactivated with change of users. (2) 	<ul style="list-style-type: none"> Successful use of sessions, activated/inactivated on change of users Successful use of session scope for attributes Good awareness of the session term and its limitations (3, 4) 	<ul style="list-style-type: none"> Comfortable and optimal use of sessions, successfully activated/inactivated on change of users Comfortably using the sessions scope for attributes Clear understanding of the knowledge and technology (5) 	/5
Developing and using WS	<ul style="list-style-type: none"> No WS or unsuccessful development of WS No awareness of the fundamental knowledge of WS (0, 1, 2) 	<ul style="list-style-type: none"> Basic understanding of WS concepts Partial success in development, deployment and use of WS Unsuccessful use of cloud service Limited understanding of limits and implications (3, 4, 5) 	<ul style="list-style-type: none"> Successful development, deployment and use of WS, and use of cloud service. Partial correctness of business logic or use of WS for any purpose rather than the targeted purpose Good understanding of the concepts and awareness of limits and implications (6, 7, 8) 	<ul style="list-style-type: none"> Comfortable development, deployment and use of WS for the aimed purpose Comfortable use of cloud service Very good understanding of the terms and concepts Clear awareness of the limits and implications (9, 10) 	/10
Use of Filters	<ul style="list-style-type: none"> No Filters developed or unsuccessful use No awareness of the fundamental knowledge (0, 1) 	<ul style="list-style-type: none"> A Filter developed and used for any purpose or not successfully used. Basic grasp of Filters with possible confusion (2) 	<ul style="list-style-type: none"> Successful development and use of Filters for authentication purpose Clear understanding of Filters and their roles in the application Awareness of limits and implications (3, 4) 	<ul style="list-style-type: none"> Comfortable use of Filters for authentication purpose, Comfortable knowledge demonstrated for Filters Clear awareness of the limits and implications (5) 	/5

Teamwork Evidence	<ul style="list-style-type: none"> • No or very limited records of teamwork, • No or very rough task allocation • No or very little history provided (0 , 1, 2, 3)	<ul style="list-style-type: none"> • Limited records of contribution • Work roughly divided into tasks • Limited history of collaboration • Irregular communication pattern reported (4, 5, 6, 7)	<ul style="list-style-type: none"> • Clear records of individual contribution • Tasks are well identified and allocated • Clear history of collaboration • Good communication evidence (8, 9, 10, 11)	<ul style="list-style-type: none"> • Excellent records of individual contribution • Tasks are clearly identified, allocated and workload balanced • Excellent history of collaboration • Excellent communication (12, 13, 14, 15)	/15
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Individual Contribution Reference Scheme

Contribution	Minimal Contribution 0.01 – 0.34	Moderate Contribution 0.35 – 0.69	Equal Contribution 0.70 – 1.00	Exceptional Contribution 1.00 +
Criteria	<ul style="list-style-type: none"> • All or majority agreed on no or minimal contribution • No or very late replies to the messages • No attendance to the meetings • Neither intellectual nor practical contribution reported • No or very little evidence collected from GitHub 	<ul style="list-style-type: none"> • No clear agreement on the level of contribution • Not very frequent replies to the messages • Few attendances to the meetings • Moderate level intellectual and/or practical contribution reported • Some evidence can be collected from GitHub 	<ul style="list-style-type: none"> • All or majority agreed on maximal contribution • Regular replies to the messages • Regular attendance to the meetings • Clear intellectual and practical contribution through all Sprints • Clear evidence seen on GitHub 	<ul style="list-style-type: none"> • All agree on exceptional contribution • Lead figure in the group • Full attendance to the meetings • Intellectually and practically dominated the group • GitHub reports all commits, branches etc conducted

Individual Mark = Contribution x Overall Group Mark

Notes:

1. Individual contribution will be evidenced with (a) Task Delivery Forms, (b) traces of commits, pull and push operations on GitHub, (c) confidentially submitted Peer Assessment Forms.
2. All members will receive the same mark in the cases of equal contribution
3. If one member has performed exceptional contribution, he/she will get higher mark than the group, while the others will receive proportionally lower marks.
4. This procedure will be applied to full disagreement cases, and clear lower or exceptional contribution cases.