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| 5COSC021W Coursework 1 - GROUP template 2022\_23  * Use this template to structure the GROUP element of coursework 1. Ensure that the correct information is in each white box. The advice for each box is basic guidance to help you focus your answer. * YOU MUST USE THIS TEMPLATE FOR THE GROUP WORK OF COURSEWORK 1.  The current size of the boxes is not indicating how much you should write; change their size as you need but ensure that you make complete points, concisely, without repetition or going off topic.When you save the file, put your name and registration number in the file name, eg ‘5COSC003W\_cwk1\_group\_Kelly\_Garret\_12345678.doc’.  * A reminder of plagiarism: If you use bits of another’s group report in yours or if you give your report to another group to use this will be the academic offence called ‘collusion’. * In each section you are asked to write who worked on this. **EVERYONE is expected to work in ALL sections – by either leading or providing constructive feedback.** If someone didn’t do work in one section, do not say that they did. Rewarding those who didn’t do any work is not good for you and is not good for them. | | |
| **Surname** | MANIKIZA | |
| **Forename** | JOVEN | |
| **Registration No:** | W1805896 | |
| **By submitting this coursework you agree to the following:** | | |
| I confirm that I understand what plagiarism is and have read and understood the section on Assessment Offences in the Essential Information for Students. The work that I have submitted is entirely my own. Any work from other authors is duly referenced and acknowledged. | | I confirm |
| **List here the team name and the other members of your group** | Team name: 5SC12 & 5SE03\_Group E  Mohamed Mohamed  Wallyson Alves da silva  Joven Manikiza  Jimmy le  Adam Younis  Laurence Baboolal | |

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| Logical ERD (10 marks) | |
| **Which group members worked on this:** | Joven Manikiza (Conceptual and logical design of the ERD)  W. Alves Da Silva, M. Mohamed  (Provided constructive feedback for improvement) |
| **Guidance:** Put here the ERD model of the data. This should include the NHS dataset you have been given and consideration of the GP surgery database | |
| * **Logical ERD:**      * **Conceptual ERD:** | |

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| User Interaction Design (10 marks) | |
| **Which group members worked on this:** | Mohamed Mohamed (Wireframe and mock-up design)  J. Le, J. Manikiza, W. Alves Da Silva  (Provided constructive feedback for improvement) |
| **Guidance:** Include here the wireframe and mock up of your interface design | |
| * **Wireframe:**      * **Mock-Up design:**   Note: Double click on the file below to download pre-attached file and load it or find the PDF in the ‘User Interaction Design’ folder. You may also need to allow this word document to be editable. | |

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| UML diagrams (40 marks) | |
| **Which group members worked on this:** | Wallyson Alves Da Silva (Use Case Diagram)  Jimmy Le (Sequence Diagram)  Adam Younis, Laurence Baboolal, Mohamed Mohamed  (Activity Diagram)  J. Manikiza, W. Alves Da Silva, J. Le, M. Mohamed (Provided constructive feedback for improvement ) |
| **Guidance:** Put here your use case diagrams, sequence diagrams and activity diagrams | |
| * **Use case Diagram:**      * **Sequence Diagram:**  1. Admin Sequence Activity:      1. Doctor Sequence Activity:      1. Login Sequence Activity:      1. Patient Sequence Activity:      * **Activity Diagram:** | |
| Use case test plans (10 marks) | |
| **Which group members worked on this:** | Jimmy Le, Wallyson Alves da silva (Use Case Test Plan)  J.Manikiza, M. Mohamed (Provided constructive feedback for improvement) |
| **Guidance:** Put here your use case test plans | |
| |  |  |  |  | | --- | --- | --- | --- | | **Test scenario ID** | Register-1 | **Test Case ID** | Register-1C | | **Test Case Description** | Patient registration | **Test priority** | High | | **Pre-requisite** | Patient has NHS No. | **Post-requisite** | N/A |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | | S.No | Action | Inputs | Expected Output | Actual Output | Test Result | Test Comments | | 1 | Launch application | N/A | Homepage | N/A | N/A | N/A | | 2 | Register using valid NHS number and address | N/A | User is registered to GP | N/A | N/A | N/A | | 3 | Register using invalid NHS number | N/A | NHS number not recognised by system | N/A | N/A | N/A | | 4 | Register using valid Postcode, forename, and surname | N/A | User is registered to GP | N/A | N/A | N/A | | 5 | Register using invalid postcode, forename, and surname | N/A | No records of postcode, forename or surname found | N/A | N/A | N/A | | 6 | De-register from GP | N/A | Patient is removed from the GP Surgery Database | N/A | N/A | N/A |  |  |  |  |  | | --- | --- | --- | --- | | **Test scenario ID** | Login-1 | **Test Case ID** | Login-1C | | **Test Case Description** | User login | **Test priority** | High | | **Pre-requisite** | Patient is registered to GP | **Post-requisite** | N/A |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | | S.No | Action | Inputs | Expected Output | Actual Output | Test Result | Test Comments | | 1 | Launch application | N/A | Homepage | N/A | N/A | N/A | | 2 | Enter registered email address & correct password | N/A | User is logged in and redirected to main page | N/A | N/A | N/A | | 3 | Enter registered email address & incorrect password | N/A | The password entered is incorrect. Prompt with ‘Forgotten password?’ | N/A | N/A | N/A | | 4 | Enter non-registered email address & any password | N/A | Email not recognised by GP Surgery. Prompt user to register to GP | N/A | N/A | N/A | | 5 | User logins in with doctor account | N/A | User is granted doctor permissions | N/A | N/A | N/A | | 6 | User logs in with Admin account | N/A | User is granted admin permission | N/A | N/A | N/A |  |  |  |  |  | | --- | --- | --- | --- | | **Test scenario ID** | Appointments-1 | **Test Case ID** | Appointments-1C | | **Test Case Description** | appointment booking system | **Test priority** | High | | **Pre-requisite** | Patient is registered to GP, Doctor & Admin are members of the GP. | **Post-requisite** | N/A |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | | S.No | Action | Inputs | Expected Output | Actual Output | Test Result | Test Comments | | 1 | Book appointment: choose from available time, date, doctor, and reason for visit | N/A | Appointment is booked and saved in the GP database. | N/A | N/A | N/A | | 2 | View available appointments | N/A | Patient is shown a list of available appointments | N/A | N/A | N/A | | 3 | Patient cancels appointment | N/A | Appointment cancelled and timeslot for that booking becomes available again | N/A | N/A | N/A | | 4 | Doctor views appointment | N/A | Doctor can see their appointments and its details | N/A | N/A | N/A | | 5 | Admin views doctor appointments | N/A | Admin can see appointments assigned to each doctor and its details | N/A | N/A | N/A | | 6 | Admin cancels appointments | N/A | Appointment is cancelled and timeslot for the booking becomes available again | N/A | N/A | N/A |  |  |  |  |  | | --- | --- | --- | --- | | **Test scenario ID** | Records-1 | **Test Case ID** | Records-1C | | **Test Case Description** | Patient and medical records management | **Test priority** | Medium | | **Pre-requisite** | User has account | **Post-requisite** | N/A |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | | S.No | Action | Inputs | Expected Output | Actual Output | Test Result | Test Comments | | 1 | Patient update GP records | N/A | Patient records are updated | N/A | N/A | N/A | | 2 | Patient views medical records | N/A | Patient can view medical records and cannot make any changes | N/A | N/A | N/A | | 3 | Doctor views patient GP records | N/A | Doctor is able is view Patient GP records | N/A | N/A | N/A | | 4 | Doctor adds information on medical records | N/A | Doctor is able to add information to medical records but cannot delete information | N/A | N/A | N/A | | |