Appendix 4: Video Transcript

Hello! This is going to be the video documentation for my IB Computer Science Internal Assessment. My client is the owner of a bakery and this product is an order and inventory management system for her. So, this is the first page here. The user can login and will get redirected according to their job description. If I type in admin, I'll be able to see the admin homepage and the admin will get a popup if the stock of any item is low and this won't go away until I manually add new stock for baking soda. if I click on add and select baking soda, the total quantity will be 2000 grams and the price will be 1500 rupees and if I click on the add button, the stock gets added. Now, the program won't give a message indicating that the stock for an item is low. There are five buttons which will redirect the admin to the respective pages on the admin homepage. Let's move on to the first page which is the employees page. In this page, there is a table which displays the information of the people who are working/have worked in the bakery. On the left side, there are a number of text fields where new employees can be added/details for an existing employee can be updated. Let's say I want to add a new employee whose name is Aryan Anam. His username will be aryana and password will be 1234, he is working and let's add him. As you can see, Aryan Anam gets added here. Let's say he decides to leave his job. His status can be changed to left and it gets updated. This change is then reflected in the table. This table can be searched according to these parameters. Let's say I want to search by name and I want to search for Aryan Anam, as you can see, Aryan Anam comes up here. Let's say I want to search for the people who are currently working, I'll select the corresponding parameter and these names come up in the table. This table can also be sorted using any of these parameters. Let's say I want to sort by name, the table gets sorted, or it can be done by username, password, or status. Now, let's move on to the next page which is the menu page. This is the menu page, here the admin is able to add a new item, change details for an existing item, or delete an item from the menu. Let's say I want to add rasmalai cake to the menu. Its price will be 1600 rupees for 1 kilogram. This page that you can see here is very important because this is an inventory management system and once an order of this item gets delivered, the amount of ingredients entered here get removed from the total stock. For privacy reasons, I cannot show you the real data here, so I'm entering test data in order to show the functionality of the program. As you can see, rasmalai cake gets added here. I can update the details for this item and delete it from the

menu. Let's say I want to remove red velvet cake from the menu. I can just click on the red velvet cake and click the button to delete it from the menu. It gets deleted. I can generate a printable menu and print it. As you can see, it gets added to the printer queue. The search function works in the same way. Let's move on to the next page, which is the sales records page. In this page, there are two buttons. The first one shows the history of the orders delivered by the business and let's see this page now. As this is just test data, there are only a few orders in the table. I can generate a receipt for an order. The search function works in the same way as the employees page and they can be filtered between two dates. Let's say I want to see an order between 11th and 19th February. I'll be able to see these orders. Now, I want to see the orders between 11th and 21st February, I'll be able to see them. Let's move on to the next page, which is the sales records page. After selecting the year, I can see the monthly sales and for 2019, there are no orders that have been delivered because this is only test data. For 2020, there are multiple orders that have been delivered in February and it shows up in the text field and I can plot a graph of the monthly sales. I can see the total sales for the year and the gross profits. Let's move on to the next page which is the orders for the day page. This is the main page of the program. In this page, an order can be added, details for an existing order can be changed, and an order can be marked as delivered. Let's add a new order for arun. He wants a rasmalai cake and the quantity will be 3 kg. The price will be fetched automatically. The delivery date for the order should match the calendar and as today is the 24th of February, that has to be the delivery date for this order. If I add this order and change its delivery date to 23rd February, it won't allow me to deliver the order and give a popup indicating that today's not the delivery date. If I change the date to today's date i.e. 24th February, it will allow me to deliver the order. Once the order gets delivered, we can go to the past orders page and check. As you can see, Arun gets added here. The generate receipt and print function work in the same way as the past orders page and so does the search function. The update function works in the same way as the Employees page. Now, let's move on to the last page which is the stock page. The admin can see all the stock that is present in the database. She has the ability to add new stock and that's it for the admin page. Now, let's move on to the employee page. So, this is the employee page. The client has requested me to let the employee VIEW the pages but not give them any editing power. As you can see, there are no add, update or delete buttons in any page. This is my product. Thank you !