

**502070 – WEB PROGRAMMING WITH NODE.js**

**SELF-ASSESSMENT FORM**

* 1. **Group information**
* *Nguyễn Thành Tài – 521H0481*
* *Nguyễn Viết Minh Duy – 521H0445*
* *Đỗ Đức Gia Khang – 520H0540*
* *Youtube video url (if any):* <https://youtu.be/aK_oPkuZs_A>
  1. **Note**

**- List the work of each team member**:

* Nguyễn Thành Tài (521H0481): Focused on the back-end development and also took the responsibility of writing the project report. Tài was responsible for setting up and managing the server, database interactions, and integrating cloud services.
* Nguyễn Viết Minh Duy (521H0445): Focused on the front-end development. Minh Duy's role involved designing the user interface with React, implementing styling with TailwindCSS, and ensuring responsive and interactive elements using various front-end libraries.
* Đỗ Đức Gia Khang (520H0540): Acted as the intermediary, bridging the gap between front-end and back-end development. Khang's role was pivotal in integrating the code from both ends, ensuring seamless functionality and coherence in the application. Checking for errors and ensuring the smooth operation of the entire application.

**- List login accounts :**

* Admin Account:

Username: admin

Password: admin

* Salesperson Account:

Username: tainguyen050403

Password: tainguyen050403

* **Instructions:**

Run command (npm run dev) both server and client folder

Running with port : 8090

**II. II. DETAIL SCORE**

Tổng điểm: **9.5**

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| --- | --- | --- | --- | --- | --- |
| **STT** | **FUNCTIONALITY** |  | **1** | **2** | **3** |
| **POINT** | **0 PT** | **1/2 PT** | **FULL POINT** |
| **ACCOUNT MANAGEMENT** | | **1.75 pts** | | | |
| 1 | Create an account for a salesperson | 0.25 |  |  | x |
| 2 | Send email automatically after creating new account | 0.25 |  |  | x |
| 3 | The login link is valid for 1 minute | 0.25 |  |  | **x** |
| 4 | New employees must log in via the link in the email | 0.25 |  |  | **x** |
| 5 | Login feature | 0.25 |  |  | **x** |
| 6 | Force creating a new password on first login | 0.25 |  |  | **x** |
| 7 | For new employees: can only access system functions after creating a new password | 0.25 |  |  | **x** |
| **USER MANAGEMENT** | |  | | | |
| 8 | Admin: View staff list | 0.25 |  |  | **x** |
| 9 | Admin: View details of an employee | 0.25 |  |  | **x** |
| 10 | Admin: Resend a 1 minute login email | 0.25 |  |  | **x** |
| 11 | Admin: Lock/unlock employee accounts | 0.25 |  |  | **x** |
| 12 | All employees see their profile information | 0.25 |  |  | **x** |
| 13 | Update profile picture | 0.25 |  |  | **x** |
| 14 | Change password | 0.25 |  |  | **x** |
| **PRODUCT MANAGEMENT** | |  | | | |
| 15 | Admin view product list | 0.25 |  |  | **x** |
| 16 | Employee view product list | 0.25 |  |  | **x** |
| 17 | Add a new product | 0.25 |  |  | **x** |
| 18 | Edit products’ information | 0.25 |  |  | **x** |
| 19 | Delete a product | 0.25 |  |  | **x** |
| **CUSTOMER MANAGEMENT** | |  | | | |
| 20 | Customer's account is created automatically on first purchase | 0.25 |  |  | **x** |
| 21 | View customer's personal information | 0.25 |  |  | **x** |
| 22 | View customer purchase history | 0.25 |  |  | **x** |
| 23 | View details of a customer's order | 0.25 |  |  | **x** |
| **TRANSACTION PROCESSING** | |  | | | |
| 24 | Transaction Processing: displays a list of currently selected products, along with related information | 0.25 |  |  | **x** |
| 25 | Add a new product to the list by searching by name. | 0.25 |  |  | **x** |
| 26 | Add a new product to the list by entering the barcode | 0.25 |  |  | **x** |
| 27 | The overview interface displays the necessary information of the order: product number, total amount, amount given by customer... | 0.25 |  |  | **x** |
| 28 | Complete payment and show invoice | 0.25 |  |  | **x** |
| 28 | Update cart information instantly when adding, removing or adjusting the quantity of a product. | 0.25 |  |  | **x** |
| **REPORTING AND ANALYTICS** | |  | | | |
| 29 | View reports by pre-fixed timelines like: today, yesterday, in 7 days, this month | 0.25 |  |  | **x** |
| 30 | View reports for a specific period (from-to) | 0.25 |  |  | **x** |
| 31 | Calculate and display correct aggregate report information: total amount received, number of orders, number of products | 0.25 |  |  | **x** |
| 32 | Display the correct list of orders corresponding to the selected timeline | 0.25 |  |  | **x** |
| **OTHER REQUIREMENTS** | |  | | | |
| 33 | User Interface  *(evaluated according to the opinion of the examiner)* | **1.0** |  |  | **x** |
| 34 | Product deployment/packaging | **0.5** | **x** |  |  |
| 35 | Video demonstration | **0.5** |  |  | **x** |