

CaseStudy 5

Task (1) User- Interface (UI)screen design



Fig. Home page for A2Z point-of-sale system

User name:

Password:

Fig. Log -in page

User name:

Password:

Confirm password:

Fig. Sign-in page

Product name:

Category:

Fig. Page for product search

Product name:

Category:

Fig. Page for adding product

Date:

☐ Payment ☐ Profit ☐ Order

Fig. Page for search payment or profit or order by date

Task (2) Development Plan

- (1) Goals - check “is the system the same as the user needs?”.
- (2) Documentation-Documenting aspects such as resources, budget, time will be necessary in order to outline the work that needs to get done.
- (3) Requirements-Requirements will vary depending on idea, size of project. So, they have been planned and scheduled for the task and deliverables.
- (4) Budget- Estimate the costs and overall investment on the system.
- (5) Team- Choose the right team members for different set of skills.
- (6) Methodology and progress-Choose the right methodology for software development to keep success idea in software developments and progress.

Deployment Plan

1. Terminal - Desktop, Laptop
2. CPUs - Virtual CPUs or 2+ CUPs
3. RAM - 2GB (minimum) and 4GB (recommended)
4. Storage - 64GB (32GB for file storage and 32GB for database storage).
5. Software - Linux or Windows (Windows 10 recommended)

Task (3) Testing type of system

Functional Testing

1. System testing
2. Interface testing
3. Beta testing

Non-Functional Testing

1. Performance testing
2. Security testing
3. Install testing
4. Recovery test

Task (4) Task Plan / Task Data

TaskCase1

Test plan: check user login

Test data: user information

TaskCase2

Test plan: check user sign in

Test data: user information

TaskCase3

Test plan: check product

Test data: shoes details information

TaskCase4

Test plan: check profit, order and payment

Test data: payments information, product and details, orders

Maintenance function

1. Software update
2. Correct faults
3. Improve design
4. Backup data
5. Retire software