

HPL INVENTORY SYSTEM

System Requirements for Development:

- Windows 10 or latest
- Storage: 500GB or more
- RAM: 8GB or more (16GB preferred)
- XAMPP
- MySQL Database

Website Requirements:

- Google Chrome
- RAM: 8GB or more (16GB preferred)

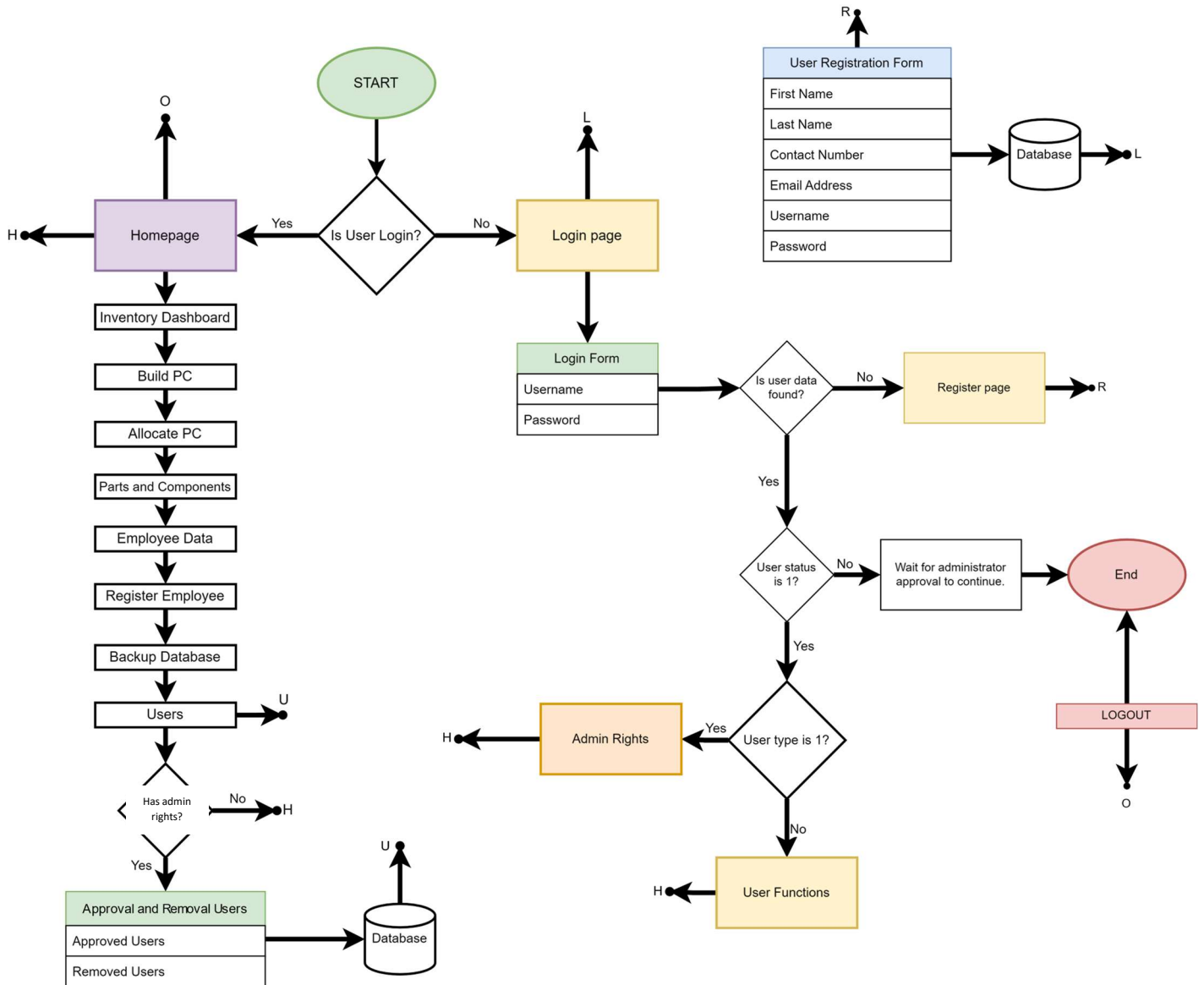
Admin and User Functions:

- Approve and remove users (Admin rights)
- View the inventory dashboard
- Add assets (Parts and Components)
- Build a computer using available assets
- Transfer a computer from one employee to another
- If an employee resigns or returns a defective system unit, the admin/user can return the computer via the "Allocate PC" tab
- Register employee data
- Back up the database

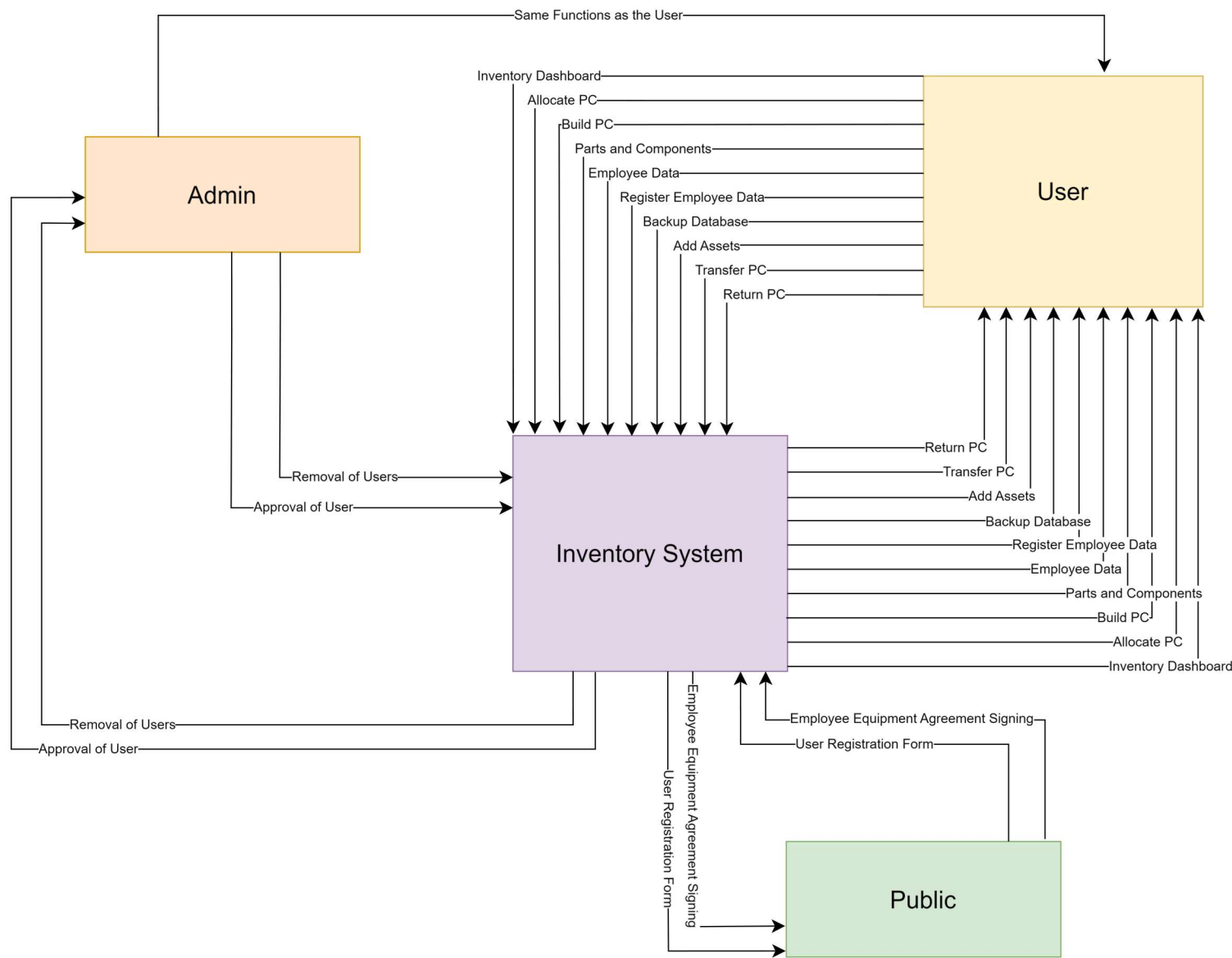
Public Functions:

- Register as an admin/user via the "Register" tab
- View and sign the Employee Equipment Agreement

FLOWCHART PROCESS



DIAGRAM



ADMIN	USERS	PUBLIC
Approval of Users	Add assets	Signing Employee Agreement
Add assets	Build a PC	Admin User Registration Form
Build a PC	Register Employee Data	
Register Employee Data	View Employee Data	
View Employee Data	View Employee Agreement	
View Employee Agreement	View Inventory Status	
View Inventory Status	Allocate a PC to Employee	
Allocate a PC to Employee	Transfer a PC to other Employee	
Transfer a PC to other Employee	Return a PC from the Employee	
Return a PC from the Employee	Download database for backup	
Download database for backup	View the Available Parts and Components	
View the Available Parts and Components		

Hosting Site: [InfinityFree](#) – Supports both MySQL and website hosting

Google Drive Link for Video: [Inventory System](#)

Bug Reporting:

If you encounter any bugs or errors during the beta testing phase, please upload a screenshot to the link below. Thank you!

[Bug Report Folder](#)

Note: Signatures can only be uploaded once.