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CST438 Final Project

Phase 1

Routes:

1. Page: 'Login'

   Children:

   a. "Login"

      Path: Dashboard

   b. "Forget Password?"

      Path: Password Assistance

   c. "Diver Registration"

      Path: Diver Registration

      i. "Select Organization"

         Path: (Each Registration Page)

   d. "Organization Registration"

      Path: Site Registration

2. Page: 'Dashboard'

   Children:

   a. "Log Dives"

      Path: Dive Log

   b. "Log Training"

      Path: Users/New Training

   c. "Add New User"

      Path: Users/New User

   d. "Add New Equipment"

Path: Equipment/New Equipment

    e. "Add New Inventory"

Path: Inventory/New Inventory

    f. "Service"

Path: Equipment Service Report

    g. "Trainings"

Path: User Training Report

    h. "Physicals"

Path: User Physical-Training Report

    i. "Low Inventory"

Path: Inventory Report

    j. "Repots"

Path: User's report by different categories

Data Storage Requirements:

1. Page: Login

    a. User info : username & password

2. Page: Diver Registration

    a. Organization : different categories

        i. Store username, first name, password, and e-mail.

3. Page: Site Registration

    a. Store Organization's name, Administrator's id, password, and e-mail, and Registration key.

4. Page: Log Dives

    a. Select Diver's name, edit chosen diver's information.

    b. Store information filled by applicant.

    c. Review & Post information to the "Dive Log History" table.

5. Page: Log Training

   a. Store User's new training record

      i. Course/training, instructors, participants, completed date, and notes.

      ii. Upload an attachment.

6. Page: Add User

   a. Store new user's record

      i. General info: first/last name, e-mail, birthday, phone, and classification.

      ii. Status: Diver/Trainer/Technician

      iii. Emergency Contact

7. Page: New Equipment

   a. Select a target equipment by category. And assign it to an active user

   b. Update Equipment's information, such as label and notes.

8. Page: New Inventory Item

   a. Store new inventory record

      i. Category, name, quantity, limited order quantity, and description.

9. Page: Service, Trainings, Physicals, Low Inventory

   a. Review information and summarize into a report which will be shown on the site.