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/*
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 * and open the template in the editor.
 */
package adminView;

import java.io.IOException;
import java.net.URL;
import java.util.List;
import java.util.ResourceBundle;
import javafx.collections.FXCollections;
import javafx.collections.ObservableList;
import javafx.event.ActionEvent;
import javafx.fxml.FXML;
import javafx.fxml.FXMLLoader;
import javafx.fxml.Initializable;
import javafx.scene.Node;
import javafx.scene.Parent;
import javafx.scene.Scene;
import javafx.scene.control.Alert;
import javafx.scene.control.Button;
import javafx.scene.control.Label;
import javafx.scene.control.RadioButton;
import javafx.scene.control.TableColumn;
import javafx.scene.control.TableView;
import javafx.scene.control.TextField;
import javafx.scene.control.ToggleGroup;
import javafx.scene.control.cell.PropertyValueFactory;
import javafx.scene.text.Text;
import javafx.stage.Stage;
import model.Admins;
import model.Campuses;
import presenter.CampusPresenter;

/**
 * FXML Controller class
 *
 * @author Adarsha
 */
public class CampusDetailsController implements Initializable {

    @FXML
    private Button homeadmin_fx;
    @FXML
    private Button viewstudentdetails_fx;
    @FXML
    private Button addEquipment_fx;
    @FXML
    private Button equipmentSearch_fx;
    @FXML
    private Button Adddelcampus_fx;
    @FXML
    private Text home_fx;
    @FXML
    private TableView<Campuses> campusdettable_fx;
    @FXML
    private RadioButton rbcampussearchbyid_fx;
    @FXML
    private RadioButton rbcampussearchbyname_fx;
    @FXML
    private Button searchcampusdet_fx;
    @FXML
    private Button addAdmin_fx;
    @FXML
    private Button addStudent_fx;
    @FXML
    private Button notify_fx;
    @FXML
    private Button logout_fx;

    /**
     * Initializes the controller class.
     */

    private CampusPresenter campusPresenter;
    @FXML
    private TableColumn<Campuses, String> name_Column;
    @FXML
    private TableColumn<Campuses, String> location_Column;
    @FXML
    private TableColumn<Campuses, String> phone_Column;
    @FXML
    private TableColumn<Campuses, String> address_Column;
    @FXML
    private TextField campussearch_fx;
    @FXML
    private TableColumn<Campuses, Integer> id_Column;
    @FXML
    private Button deleteCampusBtn;
    @FXML
    private Button fullCampusListBtn;

    @Override
    public void initialize(URL url, ResourceBundle rb) {
        campusPresenter = new CampusPresenter();
        List<Campuses> campusList = campusPresenter.getAllCampusList();
        getAllCampusList(campusList);

        ToggleGroup group = new ToggleGroup();
        rbcampussearchbyid_fx.setToggleGroup(group);
        rbcampussearchbyname_fx.setToggleGroup(group);



    }

    private void getAllCampusList(List<Campuses> campusList) {
        id_Column.setCellValueFactory(new
PropertyValueFactory<>("campus_id"));
        name_Column.setCellValueFactory(new
PropertyValueFactory<>("campusName"));
        phone_Column.setCellValueFactory(new
PropertyValueFactory<>("campusPhone"));
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        address_Column.setCellValueFactory(new
PropertyValueFactory<>("campusAddress"));
        location_Column.setCellValueFactory(new
PropertyValueFactory<>("campusLocation"));

        ObservableList<Campuses> campusesList =
FXCollections.observableList(campusList);
        campusdettable_fx.setItems(campusesList);
        if (campusesList.isEmpty()) {
            campusdettable_fx.setPlaceholder(new Label("No records
found!"));
        }
    }

    @FXML
    private void onHomeButtonClicked(ActionEvent event) throws
IOException {
        Parent root =
FXMLLoader.load(getClass().getResource("AdminDashboard.fxml"));
        Scene scene = new Scene(root);
        Stage window = (Stage) ((Node)
event.getSource()).getScene().getWindow();
        window.setScene(scene);
        window.show();
    }

    @FXML
    private void inSearchBtnClicked(ActionEvent event) {
        if(rbcampussearchbyname_fx.isSelected()==true){
            String keyword = campussearch_fx.getText();
            List<Campuses> searchedCampuses =
campusPresenter.findCampusesByName(keyword);
            getAllCampusList(searchedCampuses);
        }else if (rbcampussearchbyid_fx.isSelected()==true){
            String keyword = campussearch_fx.getText();
            try{
                int id = Integer.parseInt(keyword);
                List<Campuses> searchedCampuses =
campusPresenter.findCampusesById(id);

                getAllCampusList(searchedCampuses);
            }catch(NumberFormatException ex){
                Alert alert = new Alert(Alert.AlertType.WARNING);
                alert.setTitle("Invalid Input");
                alert.setHeaderText("Please enter a numeric value for
Campus ID.");
                alert.showAndWait();
            }
        }else{
            Alert alert = new Alert(Alert.AlertType.ERROR);
            alert.setTitle("No search type selected");
            alert.setHeaderText("Please select one search option
first.");
            alert.showAndWait();
        }

    }
    @FXML
    private void onDeleteCampusBtnClicked(ActionEvent event) {
        int campus_id = 
campusdettable_fx.getSelectionModel().getSelectedItem().getCampus_id();
        campusPresenter.deleteCampus(campus_id);
        
campusdettable_fx.getItems().removeAll(campusdettable_fx.getSelectionMode
l().getSelectedItem());
    }

    @FXML
    private void onFullCampusListBtnClicked(ActionEvent event) {
        List<Campuses> campusList = campusPresenter.getAllCampusList();
        getAllCampusList(campusList);

    }

}
```