

```
const firebaseConfig = {  
  apiKey: "",  
  authDomain: "ghs-data-f3556.firebaseio.com",  
  databaseURL: "",  
  projectId: "",  
  storageBucket: "",  
  messagingSenderId: "",  
  appId: "",  
  measurementId: ""  
};
```

// If you need our firebaseConfig, need to contact Dr. Anca or me at nvu3@ggc.edu. Or you can create your own firebase project and then get a firebaseConfig

// Initialize Firebase

```
firebase.initializeApp(firebaseConfig);
```

// Get a reference to the Firebase Storage

```
const storage = firebase.storage();
```

// Reference to your database

```
const ghsProfileDB = firebase.database().ref("GHSPProfile");
```

```
document.getElementById("profileForm").addEventListener("submit", submitForm);
```

// Function to get values from checkboxes, handle exception

```
function getCheckboxValues(checkboxName) {  
    var checkboxes = document.getElementsByName(checkboxName);  
    var values = [];  
    checkboxes.forEach(function(checkbox) {  
        if (checkbox.checked) {  
            values.push(checkbox.value);  
        }  
    });  
    return values.join(','); // Combine values into a comma-separated string  
}
```

// Function to handle form submission

```
function submitForm(e) {  
    e.preventDefault();
```

// Section 1 Get form data

```
const sec0_formTimestamp = getElementVal("formTimestamp")  
const sec11_schoolName = getElementVal("schoolName");  
const sec12_teacherName = getElementVal("teacherName")  
const sec13_teacherEmail = getElementVal("teacherEmail")  
const sec14_numberStudent = getElementVal("numberStudent")  
const sec15_numberTeacherAndFaculty = getElementVal("numberTeacherAndFaculty")
```

```
// // School Level and Subject Section
```

```
const sec21_schoolLevel = getElementVal("schoolLevel");
```

```
const sec22_enterclasses = getElementVal("enterclass");
```

```
//<!-- Section 6: Student Environmental Projects -->
```

```
const sec61_projectParticipants = getElementVal("projectParticipants");
```

```
const sec62_projectDescription = getElementVal("projectDescription");
```

```
const sec63_outcomeImpact = getElementVal("outcomeImpact");
```

```
const sec64_Number_students_included_in_Project =  
getElementVal("numStudentsInvolved");
```

```
const sec65_NumberTeachersInvolved = getElementVal("numTeachersInvolved");
```

```
// Section 7: Community Partners
```

```
const sec71_schoolPartner = getElementVal("schoolPartner");
```

```
const sec72_communityPartner = getElementVal("communityPartner");
```

```
const sec73_Number_students_included_in_Community_Partnership =  
getElementVal("numStudentPartnership");
```

```
const sec74_Number_Teacher_Involved = getElementVal("sec7_numTeacherInvolved");
```

```
const sec75_fieldTrip = getElementVal("fieldTrip");
```

```
const sec76_fieldTripSite = getElementVal("fieldTripSite")
```

```
const sec77_Number_students_included_in_fieldTrip =  
getElementVal("numStudentsAttended");
```

```
// Section 8: Food Waste
```

```
const sec81_foodWasteParticipation = getElementVal("foodWasteParticipation");
```

```
const sec82_foodWasteStrategy = getElementVal("foodWasteStrategy");
```

```
const sec83_foodWastePound = getElementVal("foodWastePound");  
const sec84_shareTablePound = getElementVal("shareTablePound");  
const sec85_Number_students_included_in_Project =  
getElementVal("numStudentSection8");  
const sec86_Number_Teacher_Involved = getElementVal("numTeacherSection8");
```

```
// Section 9: Composting
```

```
var sec91_compostStatus = getElementVal("compostStatus");  
var sec92_compostingItems = getElementVal("compostingItems");  
var sec93_collectionProcess = getElementVal("collectionProcess");  
var sec94_compostUsage = getElementVal("compostUsage");  
var sec95_foodWaste = getElementVal("foodWaste");  
var sec96_Number_students_included_in_Project =  
getElementVal("numStudentSection9");  
var sec97_Number_Teacher_Involved = getElementVal("numTeacherSection9");
```

```
// Section 10: School Gardens & Outdoor Learning Spaces
```

```
const tsec101_schoolGardenStatus = getElementVal("schoolGardenStatus");  
const tsec102_learningAreas = getElementVal("learningAreas");  
const tsec103_foodDonation = getElementVal("foodDonation");  
const tsec104_distributionMethod = getElementVal("distributionMethod");  
const tsec105_Number_students_included_in_Project =  
getElementVal("numStudentSection10");  
const tsec106_Number_Teacher_Involved = getElementVal("numTeacherSection10")
```

```
// Section 11: Indoor Growing Systems
```

```
const tsec111_indoorGrowingSystemCategories =
getElementVal("indoorGrowingSystemCategories");

const tsec112_foodDonationSection11 = getElementVal("foodDonationSection11");

const tsec113_distributionMethodSection11 =
getElementVal("distributionMethodSection11");

const tsec114_Number_students_included_in_Project =
getElementVal("numStudentSection11");

const tsec115_Number_Teacher_Involved = getElementVal("numTeacherSection11");


// Section 12: Grants and Funding for Environmental Projects
const tsec121_grantsFunding = getElementVal("grantsFunding")
const tsec122_grantsSponsor = getElementVal("grantsSponsor")
const tsec123_grantAmount = getElementVal("grantAmount")
const tsec124_grantsUtilization = getElementVal("grantsUtilization")


// Section 13: Recycling
const tsec131_recyclingCategories = getElementVal("recyclingCategories")
const tsec132_recyclingCompany = getElementVal("recyclingCompany")
const tsec133_recyclingCost = getElementVal("recyclingCost")

const tsec134_Number_students_included_in_Project =
getElementVal("numStudentParticipationSection13");

const tsec135_Number_Teacher_Involved =
getElementVal("numTeacherInvolvedSection13");


// Section 14: Water Education
const tsec141_waterEducationInput = getElementVal("waterEducationInput")
```

```
const tsec142_waterEducationProjects = getElementVal("waterEducationProjects")

const tsec143_waterEducationDates = getElementVal("waterEducationDates")

const tsec144_Number_students_included_in_Project =
getElementVal("waterEducationParticipants")

const tsec145_waterEducationTime = getElementVal("waterEducationTime")

const tsec146_Number_Teacher_Involved =
getElementVal("numTeacherInvolvedSection14")
```

```
// Section 15: Images and ImageURL
```

```
const images = document.getElementById('projectImages').files;

const tsec151_imageURL = getElementVal("imageURL");
```

```
// Save profile data to Realtime Database
```

```
saveProfileData(sec0_formTimestamp, sec11_schoolName, sec12_teacherName,
sec13_teacherEmail, sec14_numberStudent, sec15_numberTeacherAndFaculty,
sec21_schoolLevel, sec22_enterclasses, sec61_projectParticipants,
sec62_projectDescription, sec63_outcomeImpact,
sec64_Number_students_included_in_Project, sec65_NumberTeachersInvolved,
sec71_schoolPartner, sec72_communityPartner,
sec73_Number_students_included_in_Community_Partnership,
sec74_Number_Teacher_Involved, sec75_fieldTrip, sec76_fieldTripSite,
sec77_Number_students_included_in_fieldTrip, sec81_foodWasteParticipation,
sec82_foodWasteStrategy, sec83_foodWastePound, sec84_shareTablePound,
sec85_Number_students_included_in_Project, sec86_Number_Teacher_Involved,
sec91_compostStatus, sec92_compostingItems, sec93_collectionProcess,
sec94_compostUsage, sec95_foodWaste, sec96_Number_students_included_in_Project,
sec97_Number_Teacher_Involved, tsec101_schoolGardenStatus, tsec102_learningAreas,
tsec103_foodDonation, tsec104_distributionMethod,
```

```
tsec105_Number_students_included_in_Project, tsec106_Number_Teacher_Involved,  
tsec111_indoorGrowingSystemCategories, tsec112_foodDonationSection11,  
tsec113_distributionMethodSection11, tsec114_Number_students_included_in_Project,  
tsec115_Number_Teacher_Involved, tsec121_grantsFunding, tsec122_grantsSponsor,  
tsec123_grantAmount, tsec124_grantsUtilization, tsec131_recyclingCategories,  
tsec132_recyclingCompany, tsec133_recyclingCost,  
tsec134_Number_students_included_in_Project, tsec135_Number_Teacher_Involved,  
tsec141_waterEducationInput, tsec142_waterEducationProjects,  
tsec143_waterEducationDates, tsec144_Number_students_included_in_Project,  
tsec145_waterEducationTime, tsec146_Number_Teacher_Involved, tsec151_imageURL);
```

```
// Save images to Firebase Storage
```

```
if (images.length > 0) {  
    saveImagesToStorage(images);  
}
```

```
// Enable alert
```

```
document.querySelector(".alert").style.display = "block";
```

```
// Remove the alert after 3 seconds
```

```
setTimeout(() => {  
    document.querySelector(".alert").style.display = "none";  
}, 3000);
```

```
// Reset the form
```

```
document.getElementById("profileForm").reset();  
}
```

```
// Function to save profile data to Realtime Database
```

```
function saveProfileData(sec0_formTimestamp, sec11_schoolName, sec12_teacherName,
sec13_teacherEmail, sec14_numberStudent, sec15_numberTeacherAndFaculty,
sec21_schoolLevel, sec22_enterclasses, sec61_projectParticipants,
sec62_projectDescription, sec63_outcomeImpact,
sec64_Number_students_included_in_Project, sec65_NumberTeachersInvolved,
sec71_schoolPartner, sec72_communityPartner,
sec73_Number_students_included_in_Community_Partnership,
sec74_Number_Teacher_Involved, sec75_fieldTrip, sec76_fieldTripSite,
sec77_Number_students_included_in_fieldTrip, sec81_foodWasteParticipation,
sec82_foodWasteStrategy, sec83_foodWastePound, sec84_shareTablePound,
sec85_Number_students_included_in_Project, sec86_Number_Teacher_Involved,
sec91_compostStatus, sec92_compostingItems, sec93_collectionProcess,
sec94_compostUsage, sec95_foodWaste, sec96_Number_students_included_in_Project,
sec97_Number_Teacher_Involved, tsec101_schoolGardenStatus, tsec102_learningAreas,
tsec103_foodDonation, tsec104_distributionMethod,
tsec105_Number_students_included_in_Project, tsec106_Number_Teacher_Involved,
tsec111_indoorGrowingSystemCategories, tsec112_foodDonationSection11,
tsec113_distributionMethodSection11, tsec114_Number_students_included_in_Project,
tsec115_Number_Teacher_Involved, tsec121_grantsFunding, tsec122_grantsSponsor,
tsec123_grantAmount, tsec124_grantsUtilization, tsec131_recyclingCategories,
tsec132_recyclingCompany, tsec133_recyclingCost,
tsec134_Number_students_included_in_Project, tsec135_Number_Teacher_Involved,
tsec141_waterEducationInput, tsec142_waterEducationProjects,
tsec143_waterEducationDates, tsec144_Number_students_included_in_Project,
tsec145_waterEducationTime, tsec146_Number_Teacher_Involved, tsec151_imageURL) {
```

```
const newProfileEntry = ghsProfileDB.push();
```

```
newProfileEntry.set({
```

```
  sec0_formTimestamp: sec0_formTimestamp,
```

```
  sec11_schoolName: sec11_schoolName,
```

```
  sec12_teacherName: sec12_teacherName,
```


sec13_teacherEmail: sec13_teacherEmail,
sec14_numberStudent: sec14_numberStudent,
sec15_numberTeacherAndFaculty: sec15_numberTeacherAndFaculty,

sec21_schoolLevel: sec21_schoolLevel,
sec22_enterclasses: sec22_enterclasses,

sec61_projectParticipants: sec61_projectParticipants,
sec62_projectDescription: sec62_projectDescription,
sec63_outcomeImpact: sec63_outcomeImpact,
sec64_Number_students_included_in_Project:
sec64_Number_students_included_in_Project,
sec65_NumberTeachersInvolved: sec65_NumberTeachersInvolved,

sec71_schoolPartner: sec71_schoolPartner,
sec72_communityPartner: sec72_communityPartner,
sec73_Number_students_included_in_Community_Partnership:
sec73_Number_students_included_in_Community_Partnership,
sec74_Number_Teacher_Involved: sec74_Number_Teacher_Involved,
sec75_fieldTrip: sec75_fieldTrip,
sec76_fieldTripSite: sec76_fieldTripSite,
sec77_Number_students_included_in_fieldTrip:
sec77_Number_students_included_in_fieldTrip,

sec81_foodWasteParticipation: sec81_foodWasteParticipation,
sec82_foodWasteStrategy: sec82_foodWasteStrategy,

sec83_foodWastePound: sec83_foodWastePound,
sec84_shareTablePound: sec84_shareTablePound,
sec85_Number_students_included_in_Project:
sec85_Number_students_included_in_Project,
sec86_Number_Teacher_Involved: sec86_Number_Teacher_Involved,

sec91_compostStatus: sec91_compostStatus,
sec92_compostingItems: sec92_compostingItems,
sec93_collectionProcess: sec93_collectionProcess,
sec94_compostUsage: sec94_compostUsage,
sec95_foodWaste: sec95_foodWaste,
sec96_Number_students_included_in_Project:
sec96_Number_students_included_in_Project,
sec97_Number_Teacher_Involved: sec97_Number_Teacher_Involved,

tsec101_schoolGardenStatus: tsec101_schoolGardenStatus,
tsec102_learningAreas: tsec102_learningAreas,
tsec103_foodDonation: tsec103_foodDonation,
tsec104_distributionMethod: tsec104_distributionMethod,
tsec105_Number_students_included_in_Project:
tsec105_Number_students_included_in_Project,
tsec106_Number_Teacher_Involved: tsec106_Number_Teacher_Involved,

tsec111_indoorGrowingSystemCategories: tsec111_indoorGrowingSystemCategories,
tsec112_foodDonationSection11: tsec112_foodDonationSection11,
tsec113_distributionMethodSection11: tsec113_distributionMethodSection11,

tsec114_Number_students_included_in_Project:
tsec114_Number_students_included_in_Project,
tsec115_Number_Teacher_Involved: tsec115_Number_Teacher_Involved,

tsec121_grantsFunding: tsec121_grantsFunding,
tsec122_grantsSponsor: tsec122_grantsSponsor,
tsec123_grantAmount: tsec123_grantAmount,
tsec124_grantsUtilization: tsec124_grantsUtilization,

tsec131_recyclingCategories: tsec131_recyclingCategories,
tsec132_recyclingCompany: tsec132_recyclingCompany,
tsec133_recyclingCost: tsec133_recyclingCost,
tsec134_Number_students_included_in_Project:
tsec134_Number_students_included_in_Project,
tsec135_Number_Teacher_Involved: tsec135_Number_Teacher_Involved,

tsec141_waterEducationInput: tsec141_waterEducationInput,
tsec142_waterEducationProjects: tsec142_waterEducationProjects,
tsec143_waterEducationDates: tsec143_waterEducationDates,
tsec144_Number_students_included_in_Project:
tsec144_Number_students_included_in_Project,
tsec145_waterEducationTime: tsec145_waterEducationTime,
tsec146_Number_Teacher_Involved: tsec146_Number_Teacher_Involved,

tsec151_imageURL: tsec151_imageURL,

```
});  
}
```

```
// Function to get values from form elements  
function getElementVal(id) {  
  return document.getElementById(id).value;  
}
```

```
// Function to save images to Firebase Storage  
function saveImagesToStorage(images) {  
  Array.from(images).forEach(image => {  
    const imageName = image.name;  
    const imageRef = storage.ref('project_images/' + imageName);  
    const uploadTask = imageRef.put(image);  
  
    // Update progress bar if needed  
    uploadTask.on('state_changed',  
      function(snapshot) {  
        // Observe state change events such as progress, pause, and resume  
      },
```

```
function(error) {  
    // Handle unsuccessful uploads  
    console.error('Error uploading image:', error);  
},  
function() {  
    // Handle successful uploads on complete  
    console.log('Image uploaded successfully:', imageName);  
}  
);  
});  
}
```