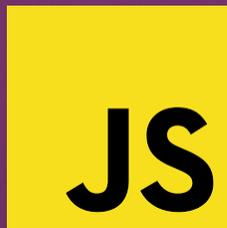


Firebase



요즘 누가 유료로 웹서비스 구축 하나, 파이어 베이스의 모든 것-JAVASCRIPT

David . 2021.02.01



Firestore Storage 실습

- ▶ Storage 셋업
- ▶ Rule 정의
- ▶ 이미지 업로드

```
service firebase.storage {
  match /b/{bucket}/o {
    match /{allPaths=**} {
      allow read ;
      allow write: if request.auth != null;
    }
  }
}
```

Firestore Storage(이미지추가 소스 - JS)

```
function createFile(file) {
  if (!file.type.match("image.*")) {
    alert("이미지 파일을 선택해주세요.")
    return;
  } else {
    // var img = new Image();
    var reader = new FileReader();
    var vm = this;

    reader.onload = function (e) {
      // vm.image = e.target.result;
      vm.saveToFirestoreStorage(e, file);
    };
    reader.readAsDataURL(file);
  }
};

function handleChange(event) {
  createFile(event.target.files[0]);
}

function saveToFirestoreStorage(evt, items) {
  var user = firebase.auth().currentUser;

  if (user) {
    var _key = new Date().getTime();

    var storageRef = firebase.storage().ref();
    var _name = items.name.replace(
      /[~!#$%^&*+=~\-\[\]\|\';/{}()\|\\";:<?>?]/g,
      ""
    );
    var uploadTask = storageRef
      .child("data/" + user.uid + "/" + _key + "/" + _name)
      .put(items);
    uploadTask.on(
      "state_changed",
      function (snapshot) {
        var progress = snapshot.bytesTransferred / snapshot.totalBytes * 100;
        console.log("Upload is " + progress + "% done");
        switch (snapshot.state) {
          case firebase.storage.TaskState.PAUSED: // or 'paused'
            console.log("Upload is paused");
            break;
          case firebase.storage.TaskState.RUNNING: // or 'running'
            console.log("Upload is running");
            break;
        }
      },
      function (error) {
        console.log(error);
      },
      function () {
        uploadTask.snapshot.ref.getDownloadURL().then(function (downloadURL) {
          $("#loadedimg").attr('data-uploaded-url', downloadURL);
          $("#loadedimg").find('img').attr('src', downloadURL);
          $("#fileinput").css('display', 'none');
          $("#loadedimg").css('display', 'block');
        });
      }
    );
  }
};
```

Firestore Storage(이미지추가 소스-HTML)

```
<div class="form-group" id="fileinput">
<label for="exampleInputFile">File input</label>
<div class="input-group">
<div class="custom-file">
<input type="file" class="custom-file-input" data-rec-id="" id="exampleInputFile" onchange="handleChange(event)">
<label class="custom-file-label" for="exampleInputFile">Choose file</label>
</div>
</div>
</div>
<div class="form-group" id="loadedimg" data-uploaded-url="" style="display:none"><img style="width:100px"/></div>
```