

Documentație Proiect IPDP

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Grupa: 4LF781

UML

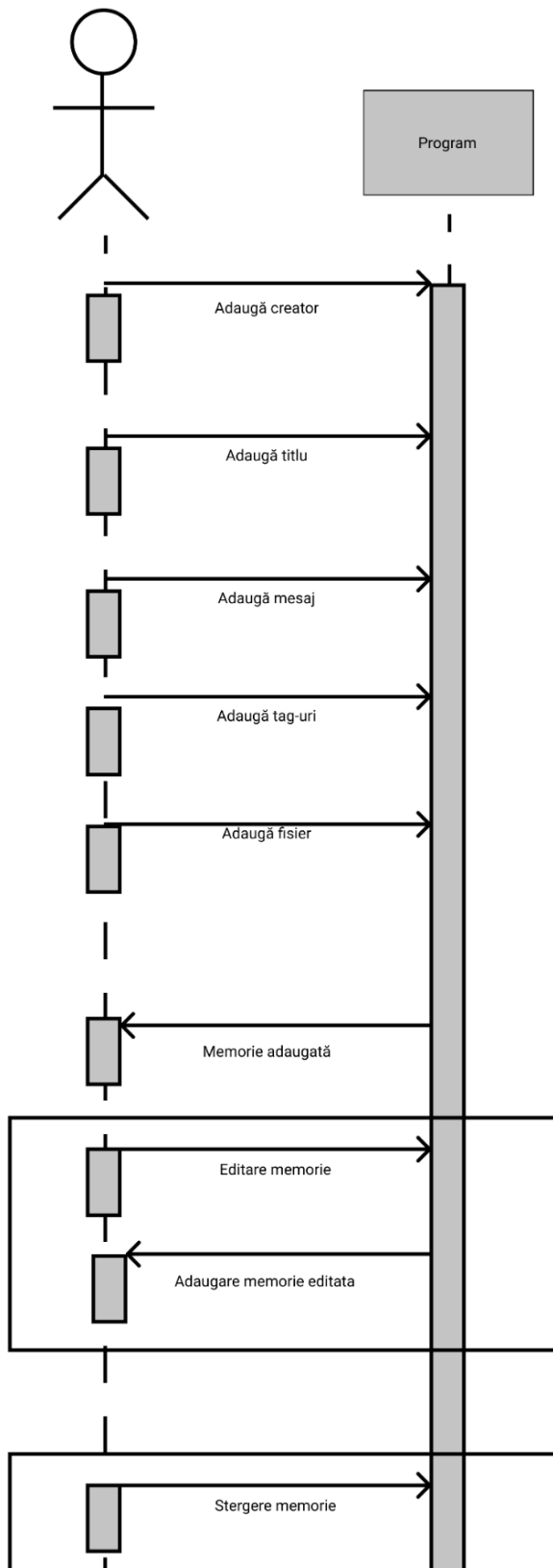
Clase

Memory

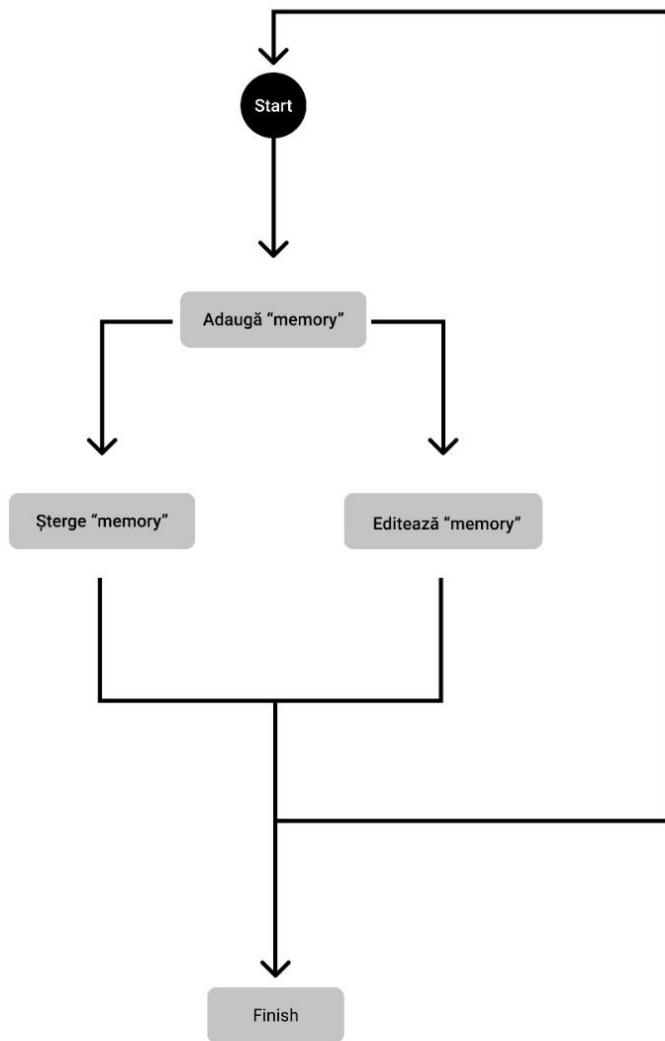
```
# id  
# creator  
# title  
# message  
# tags  
# likeCount  
# createdAt  
# selectedFile
```

```
deleteMemory();  
addLike();  
editMemory();
```

Secventa

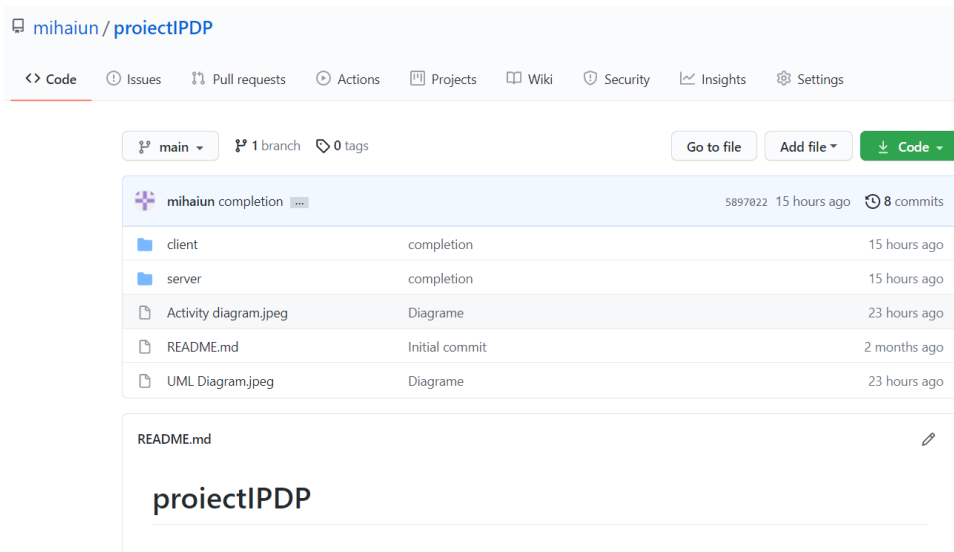


Use-case

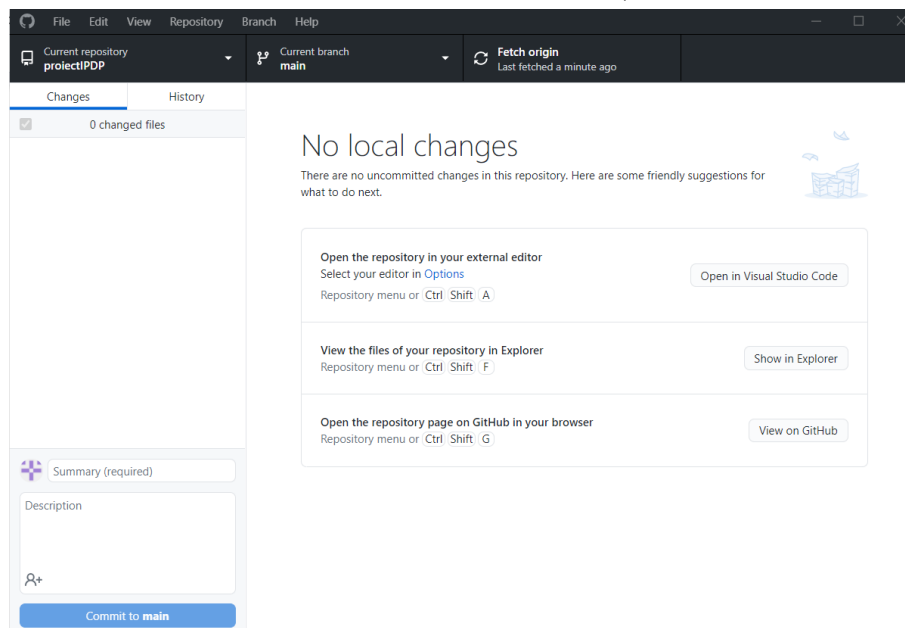


Sistem de versionare folosit

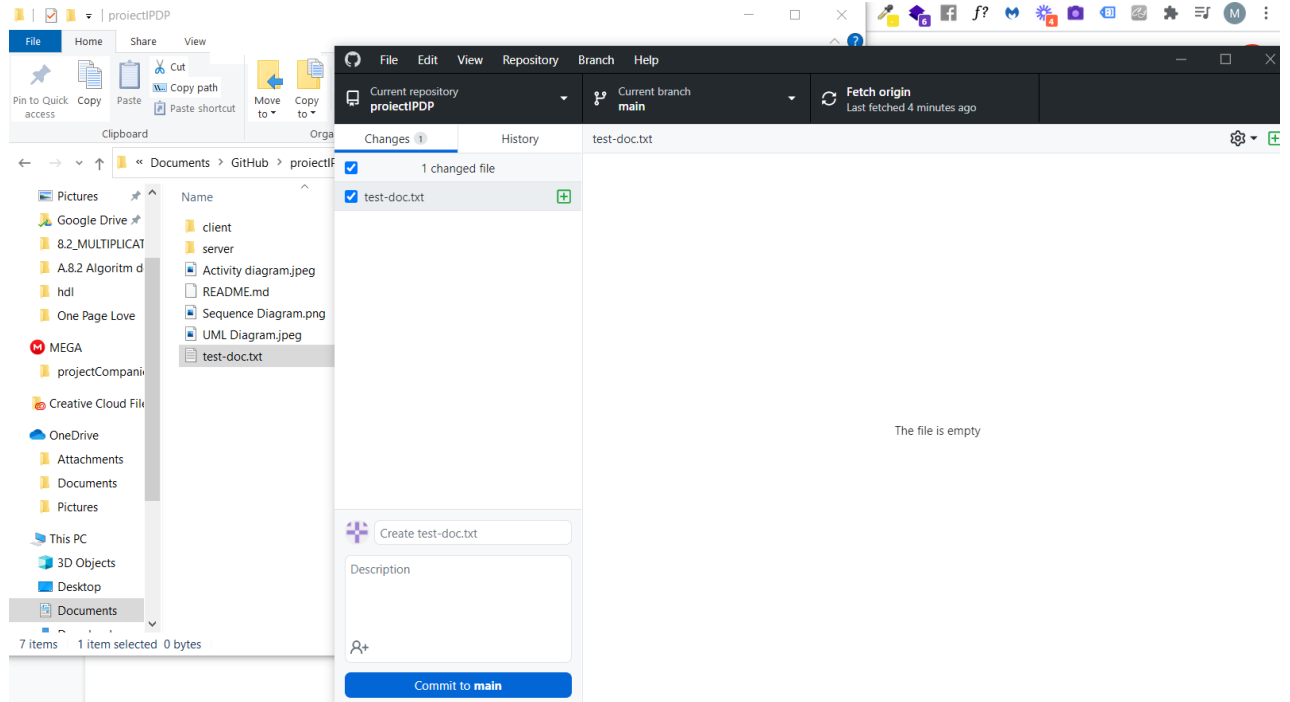
Pentru versionare s-a folosit platforma github.



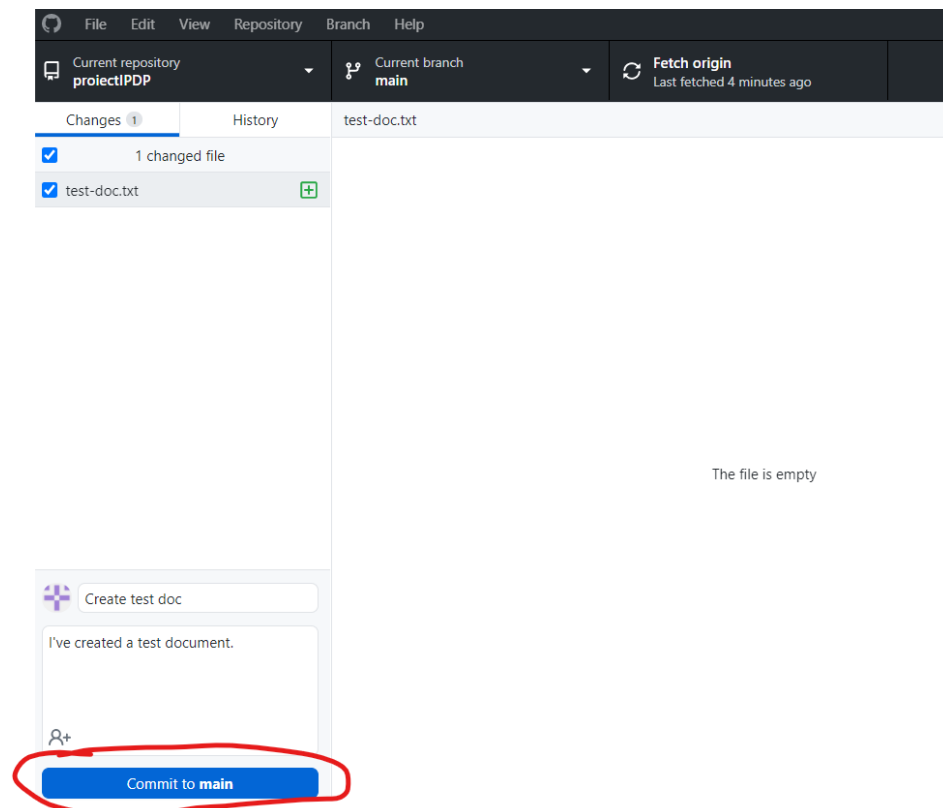
Adaugarea codului a fost făcută folosind aplicația de desktop, Github Desktop.



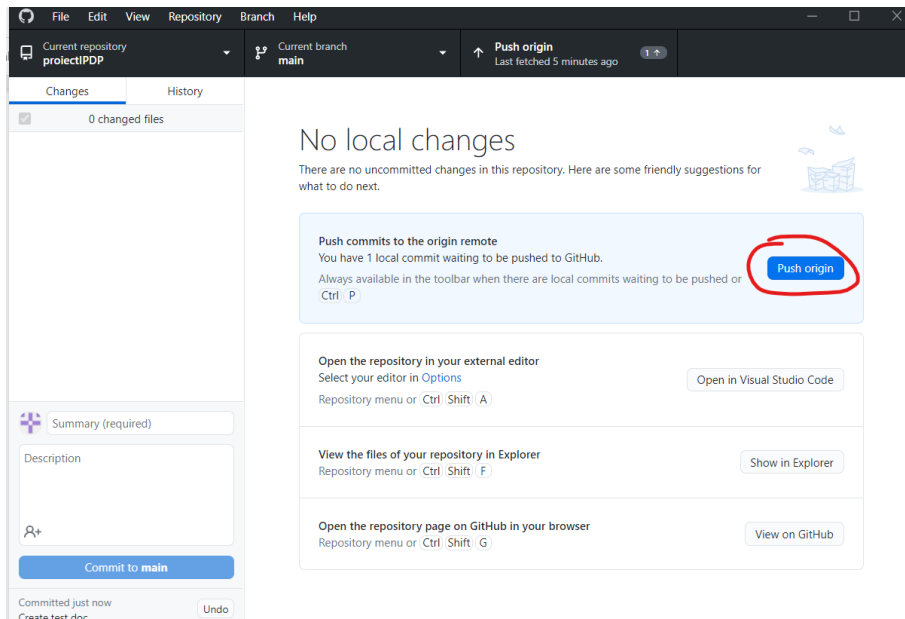
Aducem modificări fișierelor:



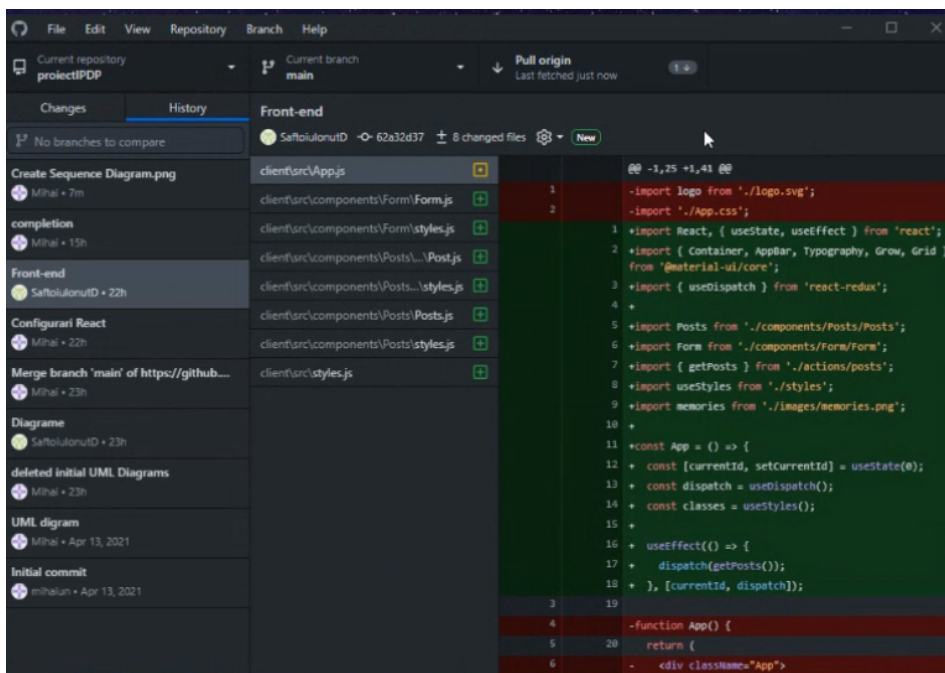
Dăm commit:

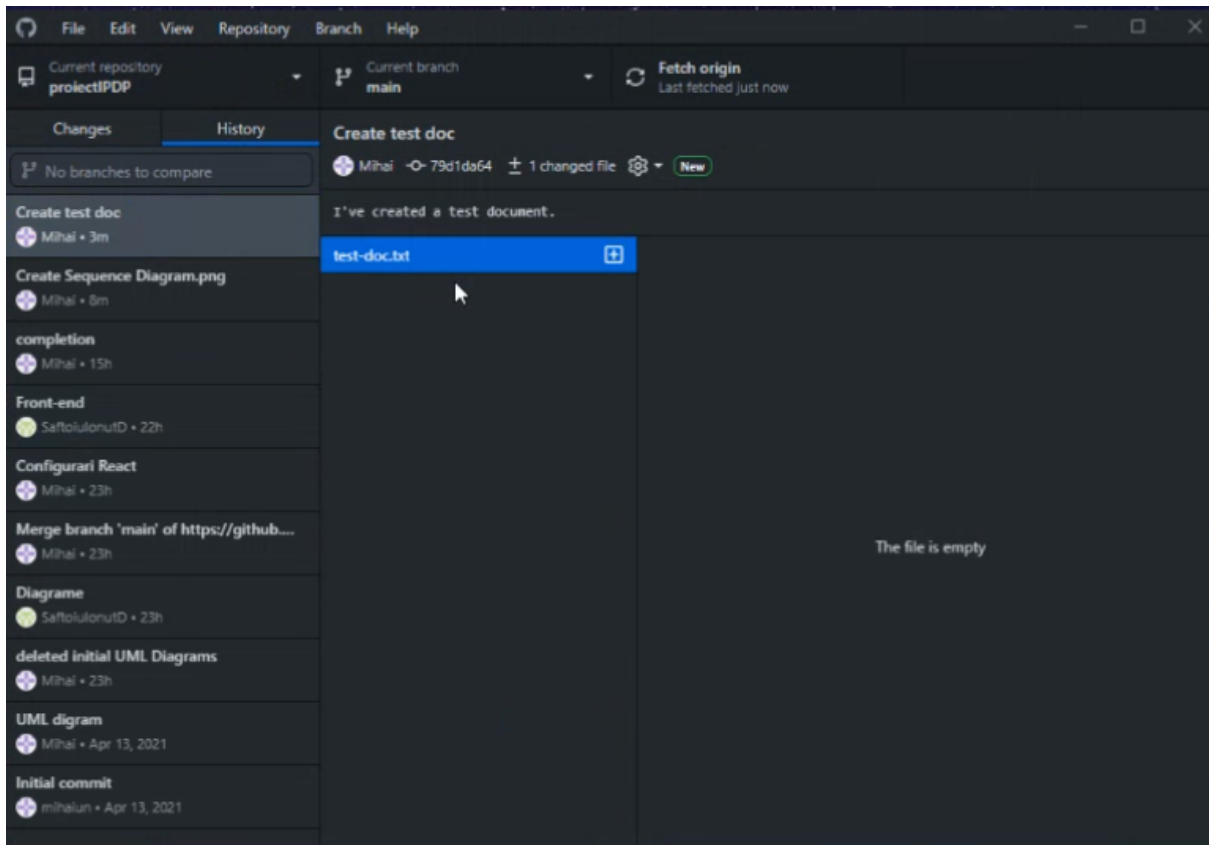


Dăm push:



Cealaltă persoană poate da pull origin:





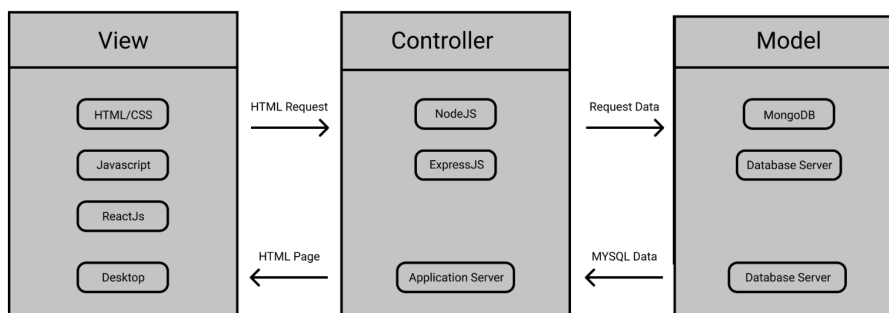
Sablon Arhitectural

Am folosit șablonul MVC (Model View Controller).

Partea de View este compusă din HTML, CSS, JavaScript și ReactJS.

Partea de Controller este compusă din NodeJs și ExpressJS.

Partea de Model este compusă din MongoDB.



ORM

```
1  import mongoose from 'mongoose';
2
3  const postSchema = mongoose.Schema({
4    title: String,
5    message: String,
6    creator: String,
7    tags: [String],
8    selectedFile: String,
9    likeCount: {
10      type: Number,
11      default: 0,
12    },
13    createdAt: {
14      type: Date,
15      default: new Date(),
16    },
17  })
18
19  var PostMessage = mongoose.model('PostMessage', postSchema);
```

MongoDB

QUERY RESULTS 1-1 OF 1

```
_id: ObjectId("60b4c6eba2f8ca3f4c98084b")
> tags: Array
  likeCount: 0
  createdAt: 2021-05-31T11:21:23.848+00:00
  title: "My memory"
  message: "this message is amazing"
  selectedFile: ""
  creator: "John Doe"
  __v: 0
```

SOLID Principle

O - Open-Closed Principle

Importam "makeStyles" din "@material-ui/core/styles" și modificăm parametrii:

```
2  import { makeStyles } from '@material-ui/core/styles';
3
4  export default makeStyles((theme) => ({
5    root: {
6      '& .MuiTextField-root': {
7        margin: theme.spacing(1),
8      },
9    },
10   paper: {
11     padding: theme.spacing(2),
12   },
13   form: {
14     display: 'flex',
15     flexWrap: 'wrap',
16     justifyContent: 'center',
17   },
18   fileInput: {
19     width: '97%',
20     margin: '10px 0',
```