

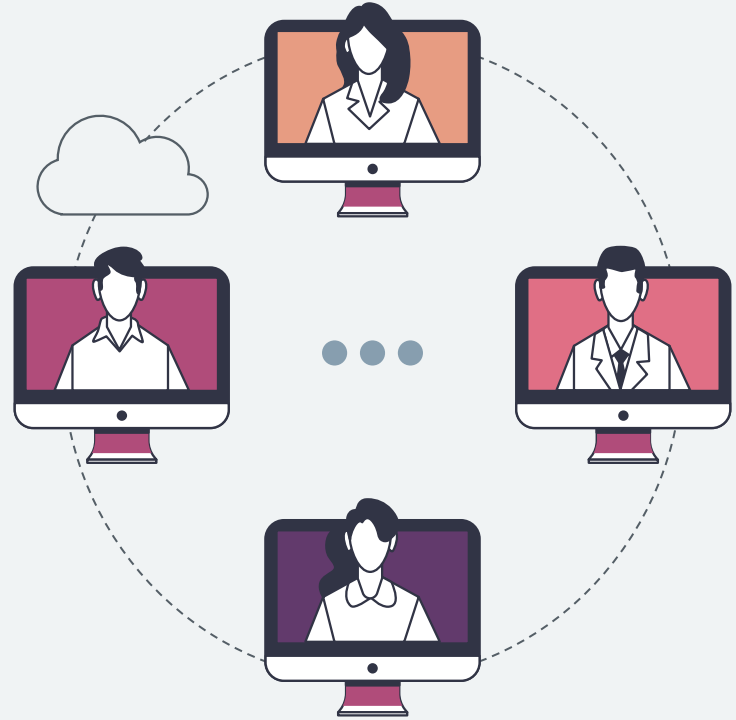
# Educational Resources Repository

**It's Not a Bug It's a Feature**

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# Agenda

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**App  
Structure**



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**Data  
Models**



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**Principal  
Features**



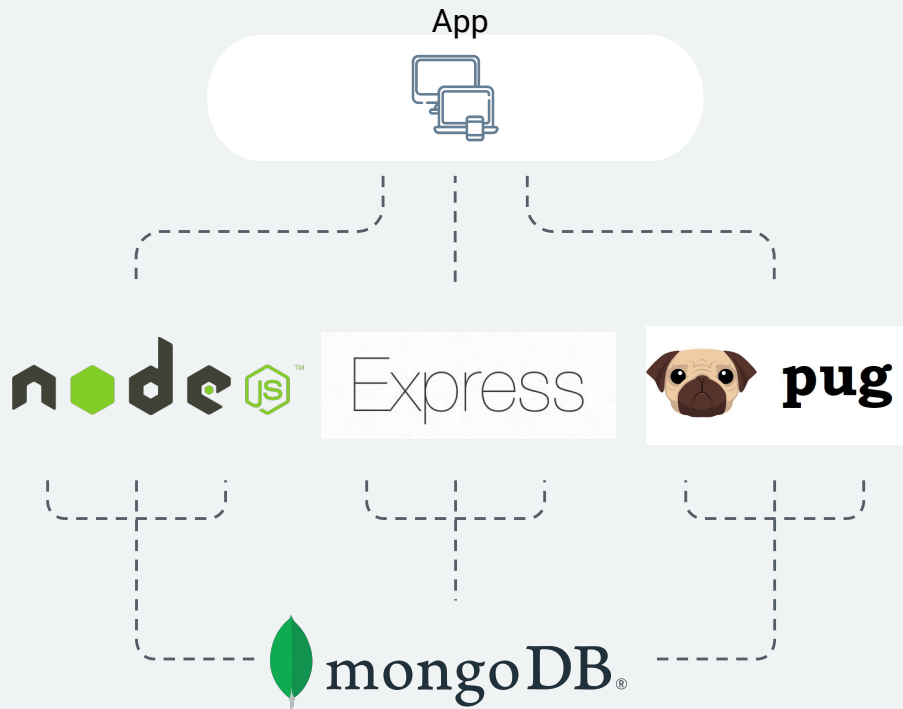
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**Demonstration**

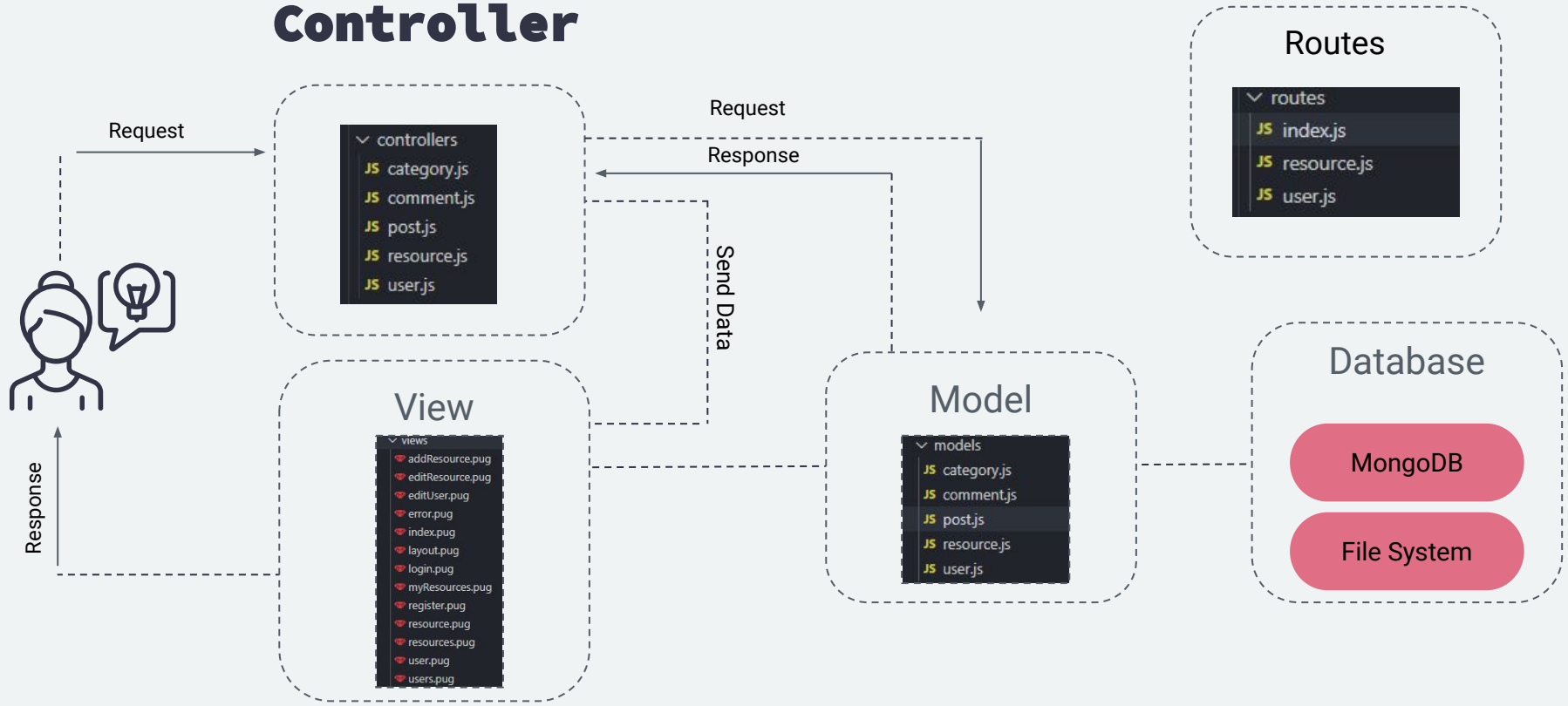


# Tools

To develop our web application we used various tools



# App Structure



# Data Models

User Model

```
var userSchema = new mongoose.Schema({
  name: {
    type: String,
    required: true
  },
  email: {
    type: String,
    required: true,
    unique: true
  },
  course: String,
  registrationDate: {
    type: Date,
    default: Date.now
  },
  facebookId: String,
  googleId: String,
  level: String
});
```

# Data Models

## Resource Model

```
var resourceSchema = new mongoose.Schema({
  user: {
    type: mongoose.Schema.Types.ObjectId,
    ref: 'user',
    required: true
  },
  type: {
    type: String,
    required: [true, 'Resource must have a type'],
    lowercase: true
  },
  title: {
    type: String,
    required: [true, 'Resource must have a title.'],
    maxlength: 150
  },
  subtitle: String,
  createdAt: {
    type: Date,
    default: Date.now
  },
  registrationDate: {
    type: Date,
    default: Date.now
  },
  visibility: String,
  hashtags: {
    type: [String],
    lowercase: true,
  },
  posts: [{
    type: mongoose.Schema.Types.ObjectId,
    ref: 'post'
  }],
  likes: {
    type: [mongoose.Schema.Types.ObjectId],
    ref: 'user'
  },
  filepath: {
    required: [true, 'Resource must have a file'],
    default: 'this is supposed to be a file path',
    type: String //it was set as [], try setting to String if in doubt
  },
  filename: {
    type: String
  },
  originalname: {
    type: String
  },
  rateCount: 0,
  rateValue: 0
});
```

# Data Models

Post Model

```
var postSchema = new mongoose.Schema({
  content: {
    type: String,
    required: true,
  },
  user: {
    type: mongoose.Schema.Types.ObjectId,
    ref: "user",
    required: true
  },
  comments: [{
    type: mongoose.Schema.Types.ObjectId,
    ref: 'comment'
  }],
  resources: [{
    type: mongoose.Schema.Types.ObjectId,
    ref: 'resource'
  }]
});
```

# Data Models

Comment Model

```
var commentSchema = new mongoose.Schema({  
  content: {  
    type: String,  
    required: true,  
  },  
  user: {  
    type: mongoose.Schema.Types.ObjectId,  
    ref: "user",  
    required: true  
  }  
});  
  
module.exports = mongoose.model('comment', commentSchema)
```

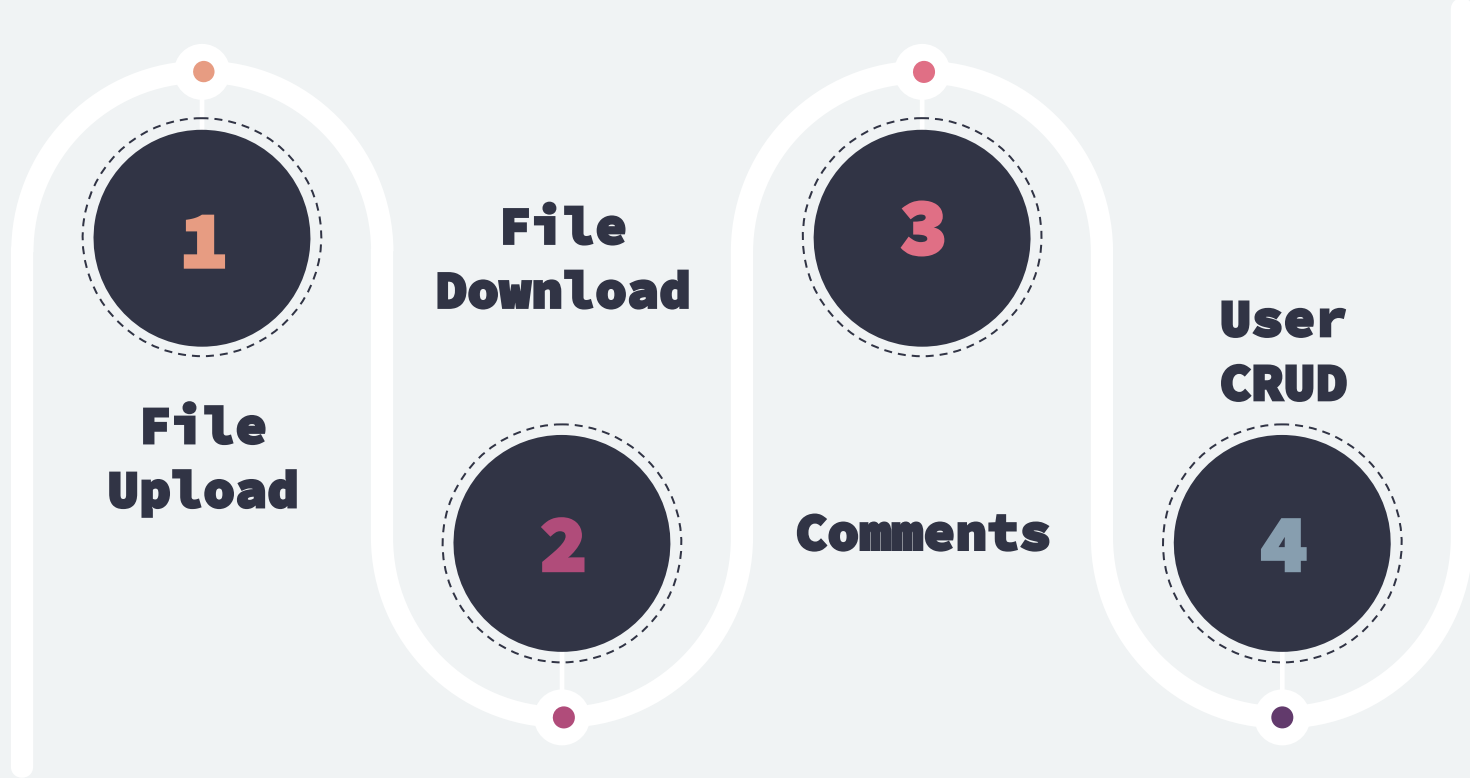


# Data Models

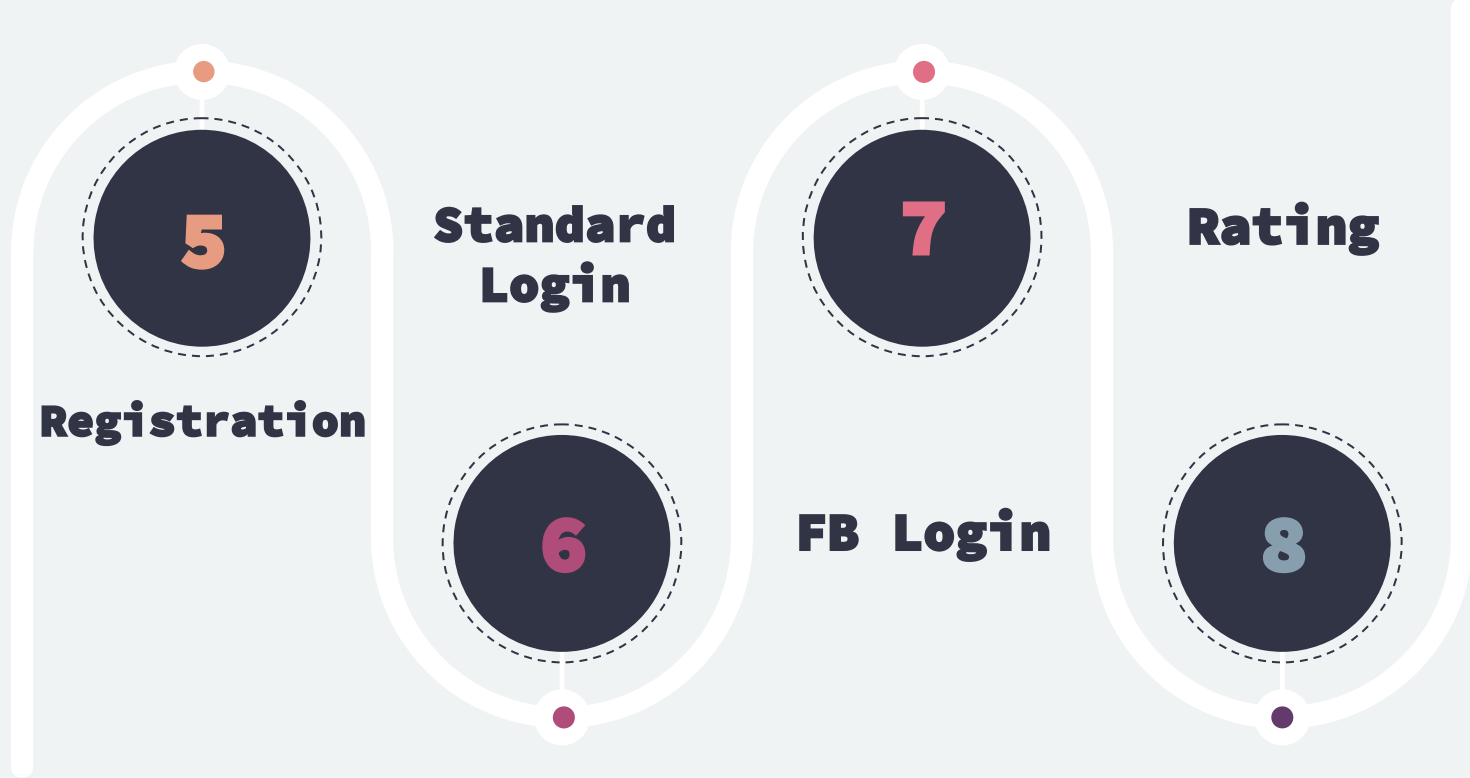
Category Model

```
var categorySchema = new mongoose.Schema({  
  categories: [String]  
});
```

# Principal Features

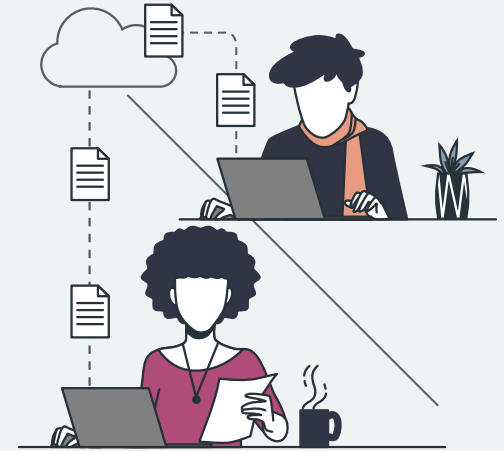


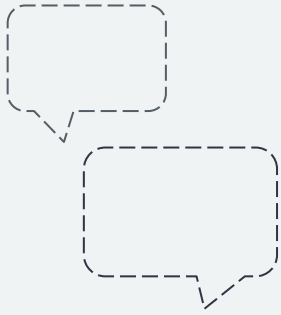
# Principal Features



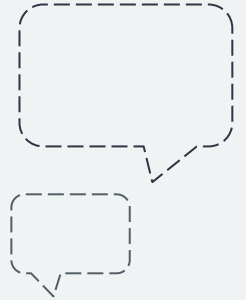
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# Demonstration





# Thanks !



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