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CSE 316: Final Project Mockups & UML Design

1. A picture containing logo

   Description automatically generatedUI Mockup Diagram
   1. Welcome Screen Context
   2. Graphical user interface, website

      Description automatically generatedCreate Account Screen Context
   3. Graphical user interface, website

      Description automatically generatedLogin Screen Context
   4. Update Screen Context

Graphical user interface, website

Description automatically generated

* 1. Graphical user interface, application

     Description automatically generatedMap Select Screen Context

Graphical user interface, application

Description automatically generated

* 1. Regions Spreadsheet Screen Context

Table

Description automatically generated with medium confidence

* 1. Region Viewer Screen Context

Graphical user interface, website

Description automatically generated

1. Your Routes
   1. “/” – root directory where the user is directed to the Welcome Screen and the user is **not** logged in.
   2. “/home” – home directory where the user is redirected to after a successful login.
   3. “/regions” – a page that consists a list of subregions where the user access a desired subregion
   4. “/subregion” - user redirected here after they select their desired region which displays a list of the subregions, capital, leader, flag, and landmarks.
   5. ‘/subregion/id” – has basic information that describes a summary of the selected subregion.
2. Schemas
   1. User:
      1. const userSchema = new Schema({\_id: {type: ObjectId, required: true }, firstName: { type: String, required: true }, lastName: { type: String, required: true }, email: { type: String, required: true }, password: { type: String, required: true }}, { timestamps: true })
   2. Region
      1. const regionSchema = new Schema({ \_id: { type: ObjectId, required: true }, id: { type: Number, required: true }, name: { type: String, required: true }, owner: { type: String, required: true }, subregions: [Subregion]}, { timestamps: true })
   3. Subregion
      1. const subregionSchema = new Schema({ \_id: { type: ObjectId, required: true }, id: { type: Number, required: true }, name: { type: String, required: true }, capital: {.type: String, required: true }, leader: { type: String, required: true }, flag: { type: String, required: true }, landmarks: { type: [String] }})
3. Resolvers
   1. user-resolvers

Query: {

getCurrentUser: async (\_, \_\_, { req }) => {}

}

Mutation: {

login: async (\_ , args, { res }) => {}

register: async (\_, args, { res }) => {}

update: async (\_, args, { res }) => {}

logout:(\_, \_\_, { res }) => {}

}

* 1. regions-resolvers

Query: {

getAllRegions: async (\_, { req }) => {}

getRegionById: async (\_, args) => {}

}

Mutation: {

}