

Mock Up Builder Wire Frame Assignment

CE EN 514

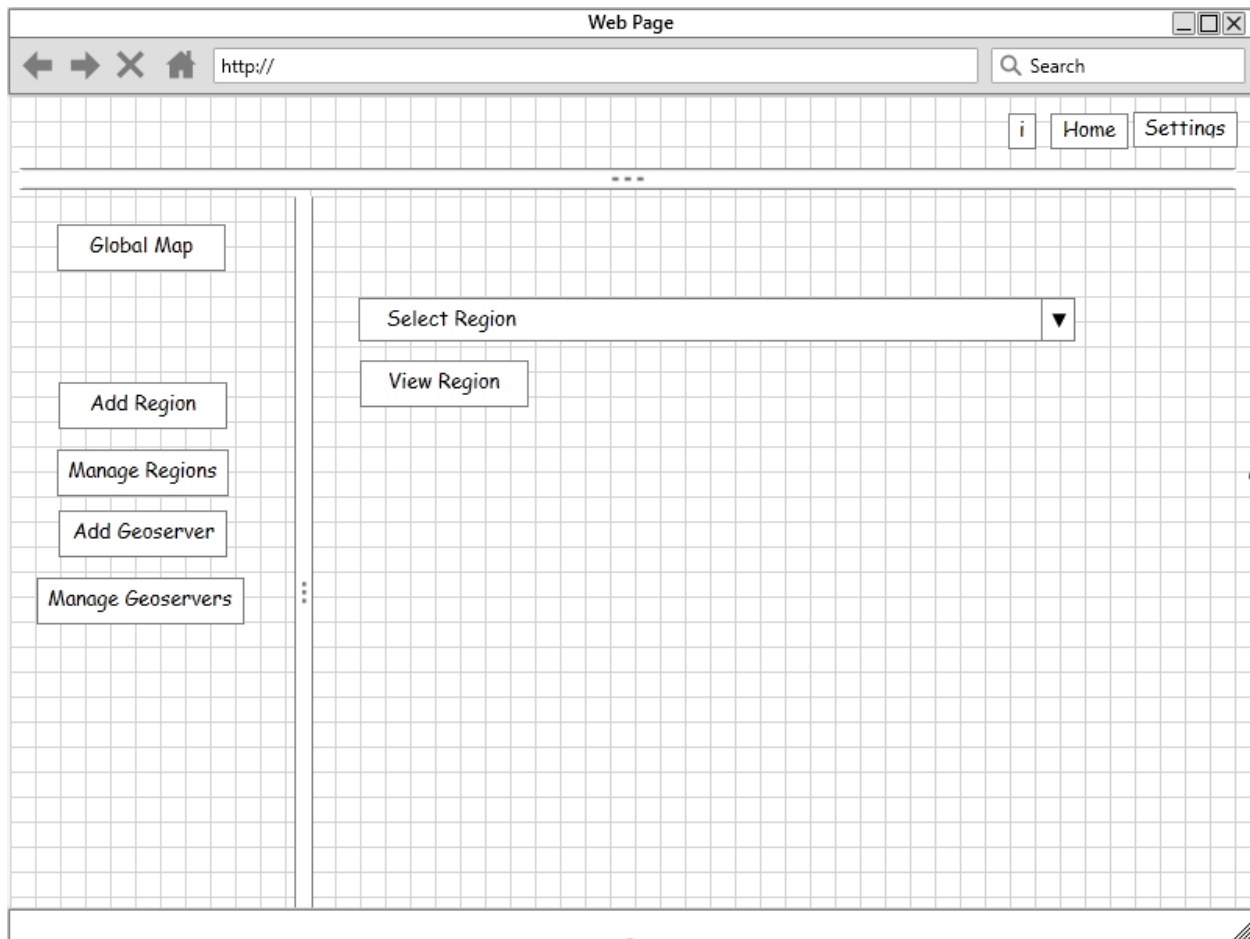
1/23/2017

Project Title: Snowpack Viewer

Team Name: The Snowmen

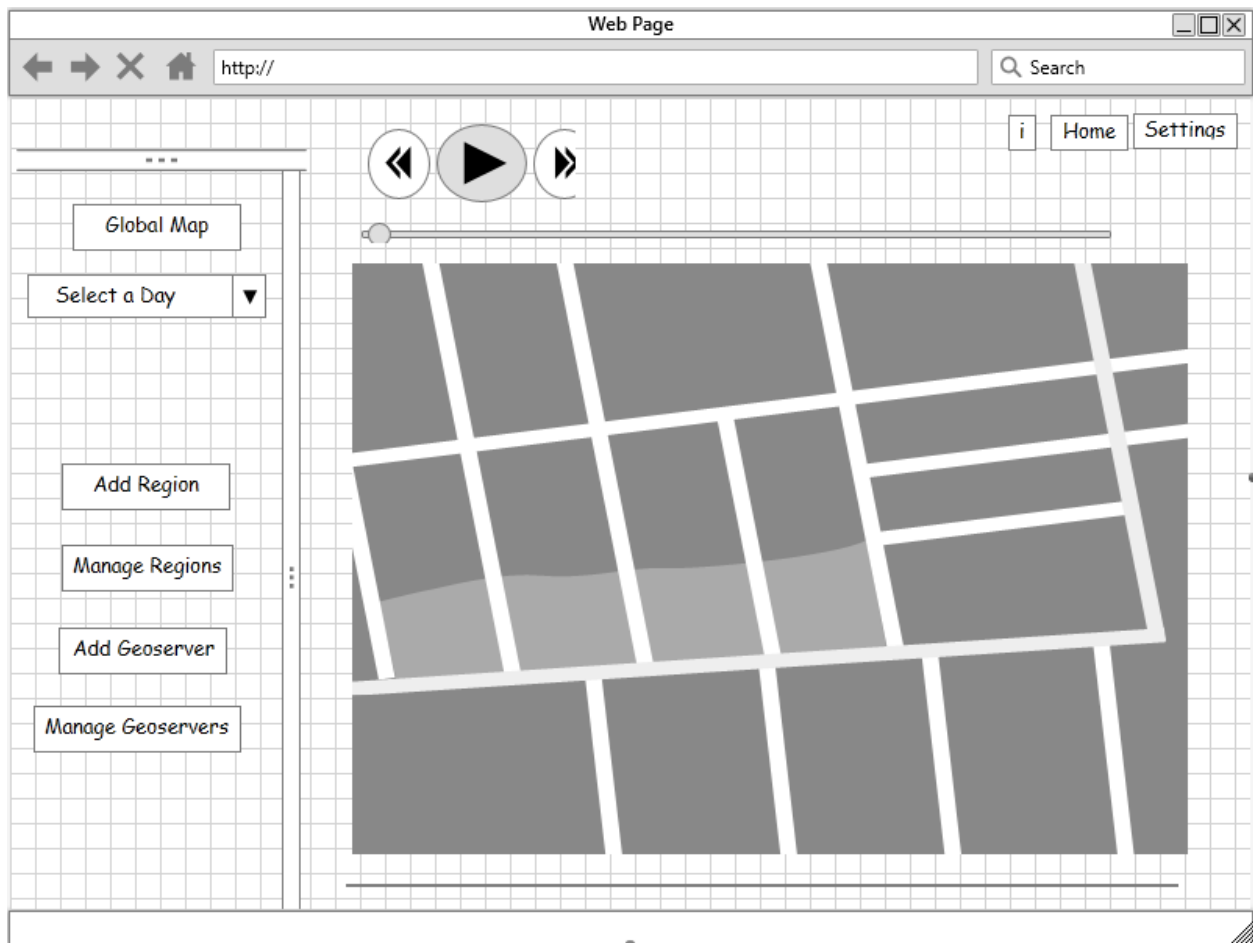
Team Members: Travis McStraw, Jorge Sanchez, Jason Biesinger

HOME PAGE



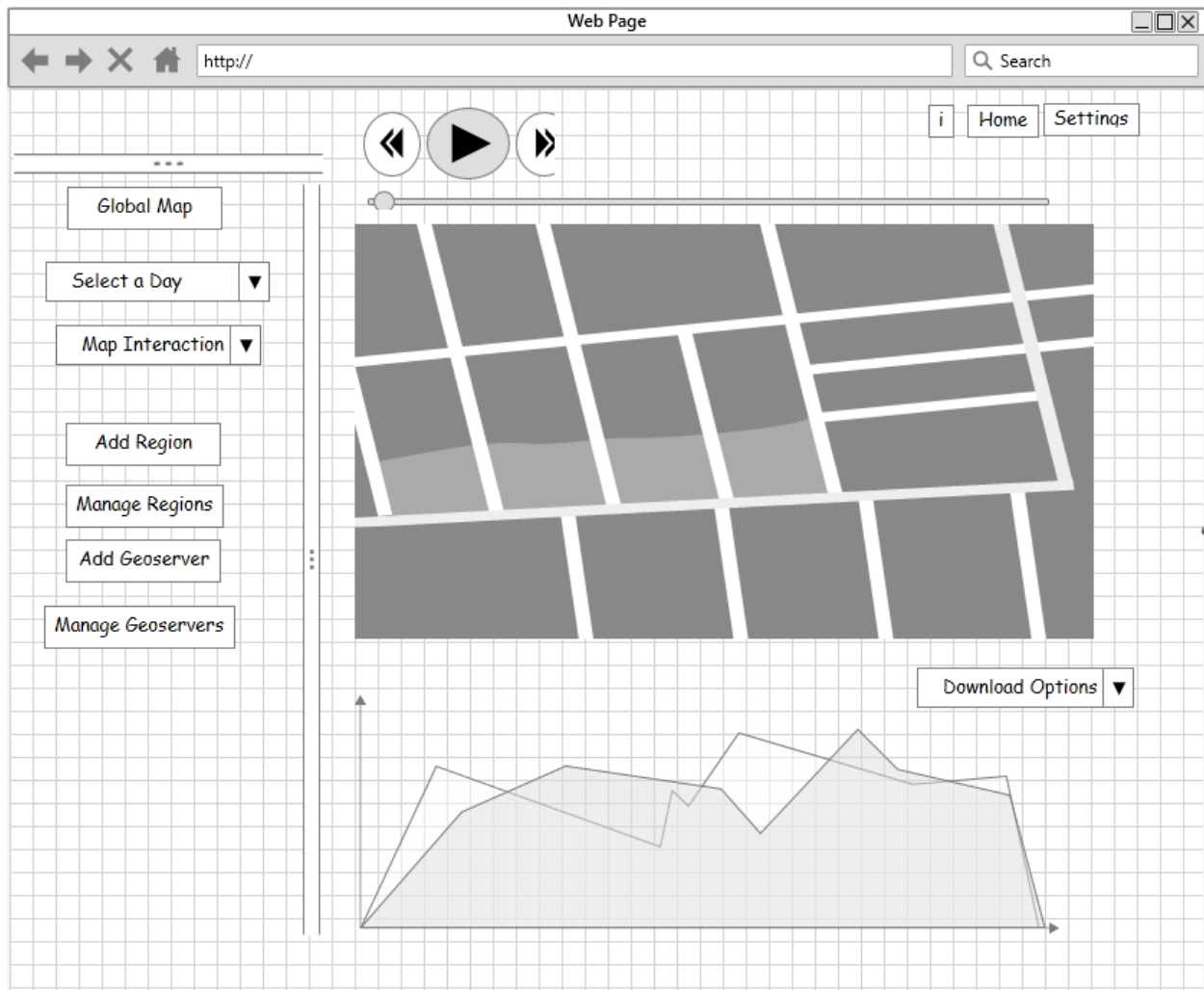
This will be the original page that will be displayed when you open the app. You will be able to select a region from this page. There will be a drop-down list of predefined regions/mountain ranges and by clicking the view region the regional analysis page shown later will be displayed for the selected region. The links to other pages can be found on the side of every other page of the app and the info/documentation, home, and settings buttons will be in the top left menu of every page as well.

GLOBAL MAP PAGE



This page will display a global map of the snowpack data. The map will have interactive zoom features and possibly a user defined point or polygon feature where the change in snowpack over time can be displayed for a single point or a polygon drawn by the user. The different time steps can be cycled through or can be played as an animation using the controls at the top. A single time step can also be displayed using the select a day tool.

REGIONAL ANALYSIS PAGE



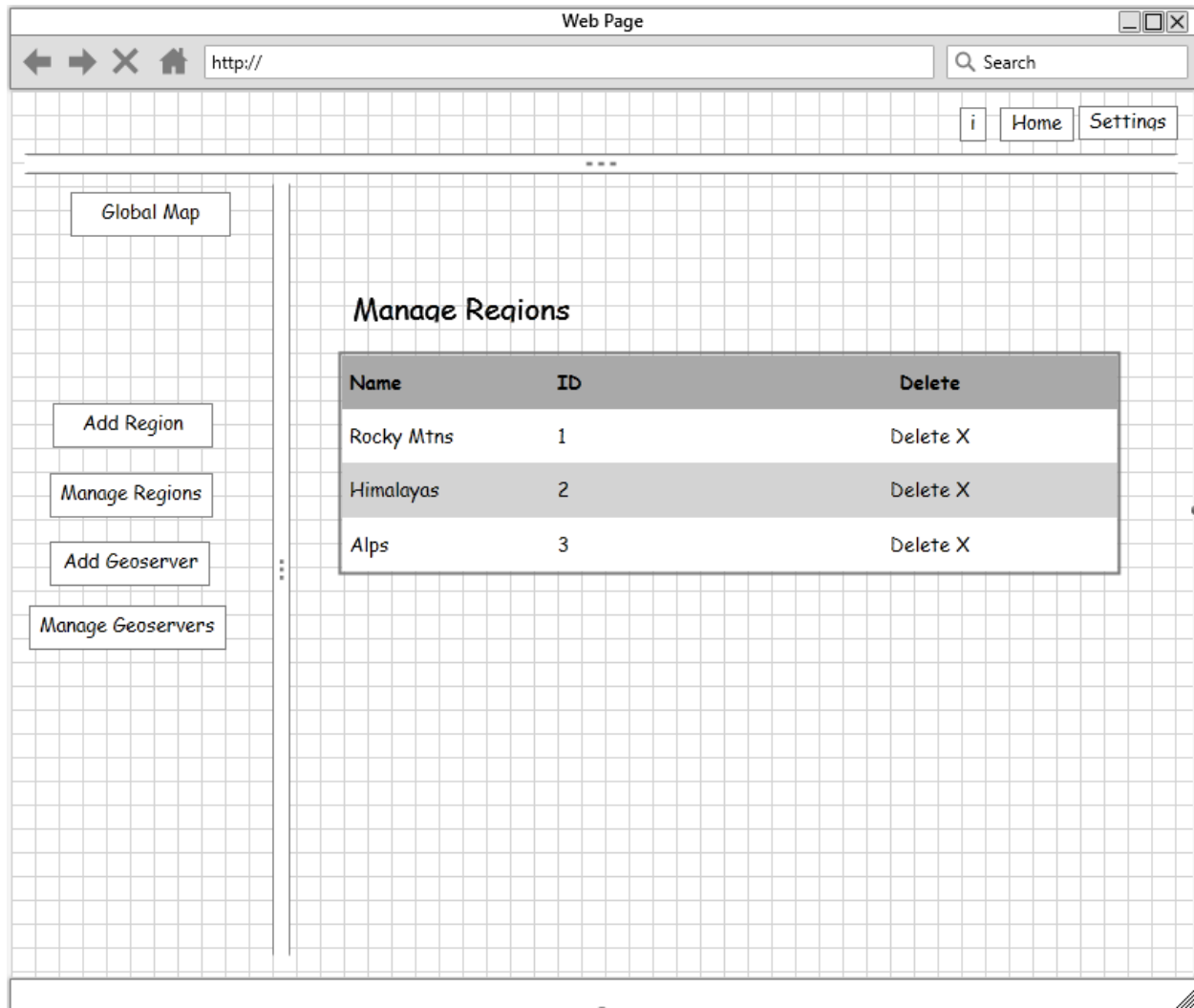
This is the page that will be displayed once a region is selected. The same features will exist here as in the global map, with the addition of a time series graph for that particular region. The Map interaction dropdown will be the feature described previously that allows the user to view the time series of a particular point or a user drawn polygon.

ADD REGION PAGE

The image shows a wireframe of a web page titled "ADD REGION PAGE". The page is divided into a left sidebar and a main content area. The sidebar contains buttons for "Global Map", "Add Region" (highlighted with a red border), "Manage Regions", "Add Geoserver", and "Manage Geoservers". The main content area has a text input field "Type Region Name Here", a dropdown menu "Select Geoserver", a button "Choose Shapefile", and another button "Add Region". The page is set against a light gray grid background.

Here the user will specify the necessary information to add a region to the app. The choose shapefile button will allow the user to upload a shapefile of a particular region that he/she is interested in.

MANAGE REGIONS PAGE



This page will allow the user to view all of the available regions and delete regions if they no longer desire them to be available in the app.

ADD GEOSERVER PAGE

The image shows a wireframe of a web page titled "ADD GEOSERVER PAGE". The page is designed with a grid background and is divided into a left sidebar and a main content area.

Header: The header includes a browser-like interface with a "Web Page" title, a search bar labeled "Search", and navigation links for "i", "Home", and "Settings".

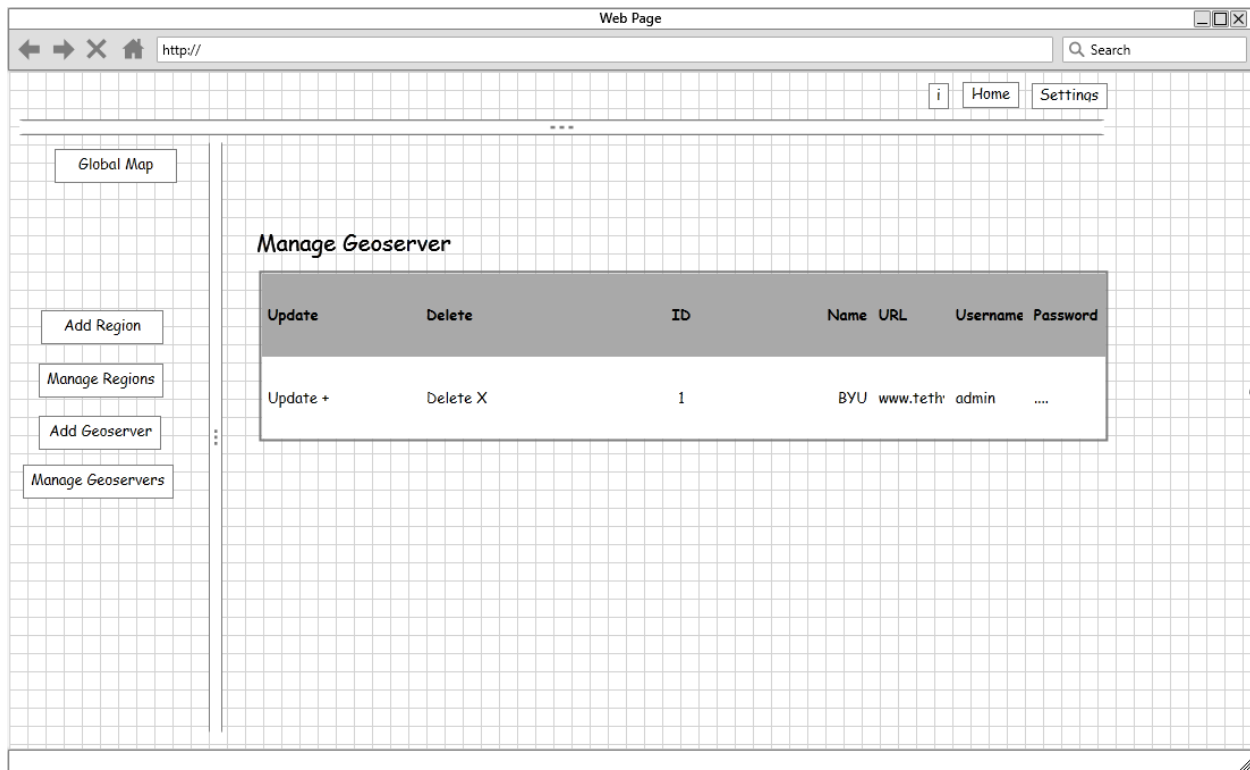
Left Sidebar: The sidebar contains five buttons: "Global Map", "Add Region", "Manage Regions", "Add Geoserver", and "Manage Geoservers".

Main Content Area: The main content area contains four text input fields for adding a geoserver:

- Type Geoserver Name Here
- Type Geoserver Rest URL Here
- Type Geoserver Username Here
- Type Geoserver Password Here

This page will allow users to specify a geoserver within the app interface.

MANAGE GEOSERVERS PAGE



This page allows the user to view the geoservers being used by the app and can allow them to update or delete a geoserver.