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Database Prototype of E21 Institutions and Resources Throughout the World

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Database Prototype of E21 Institutions and Resources Throughout the World

Dr. Sophie X. Liu and Dr. Kenneth M. Weed

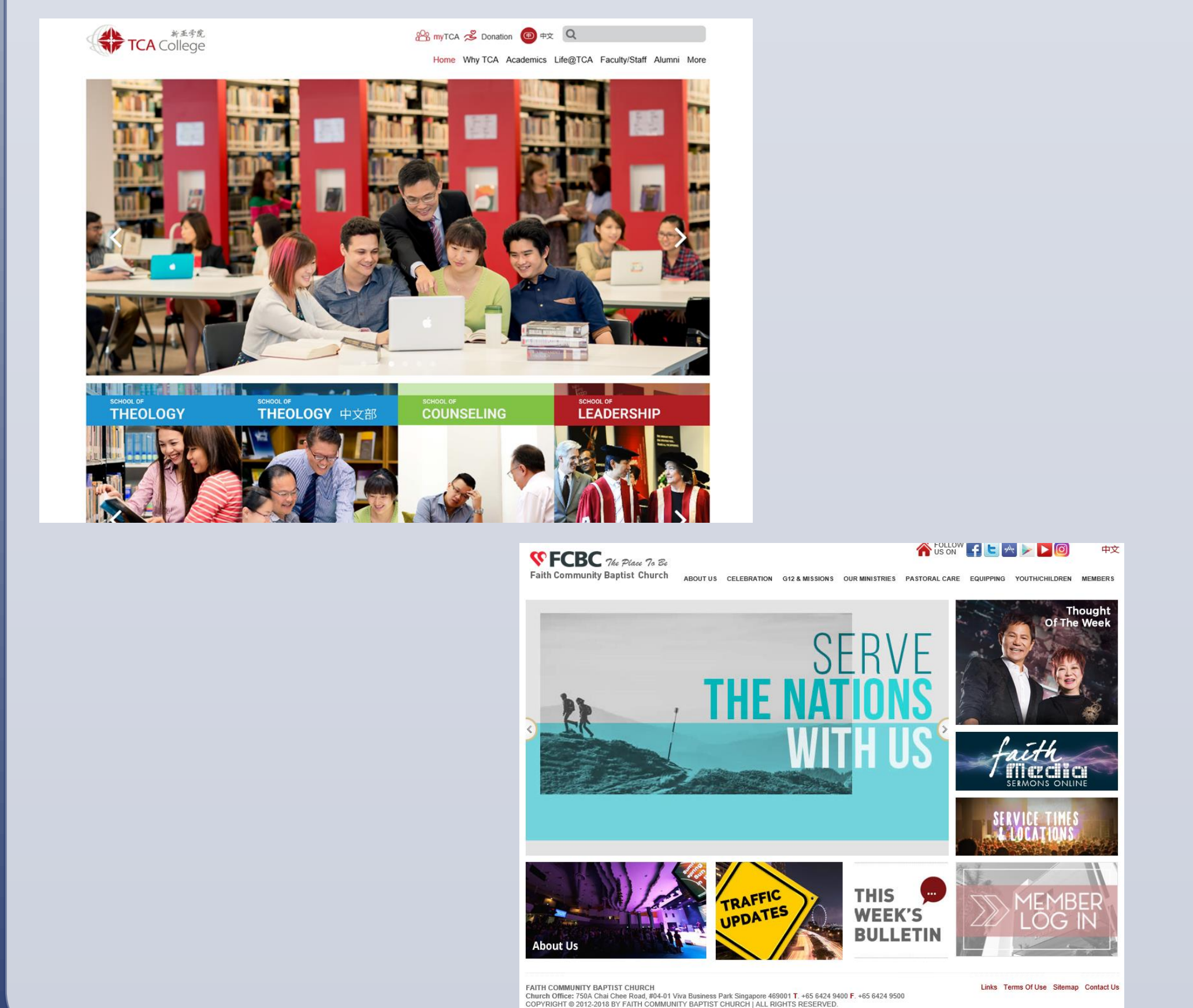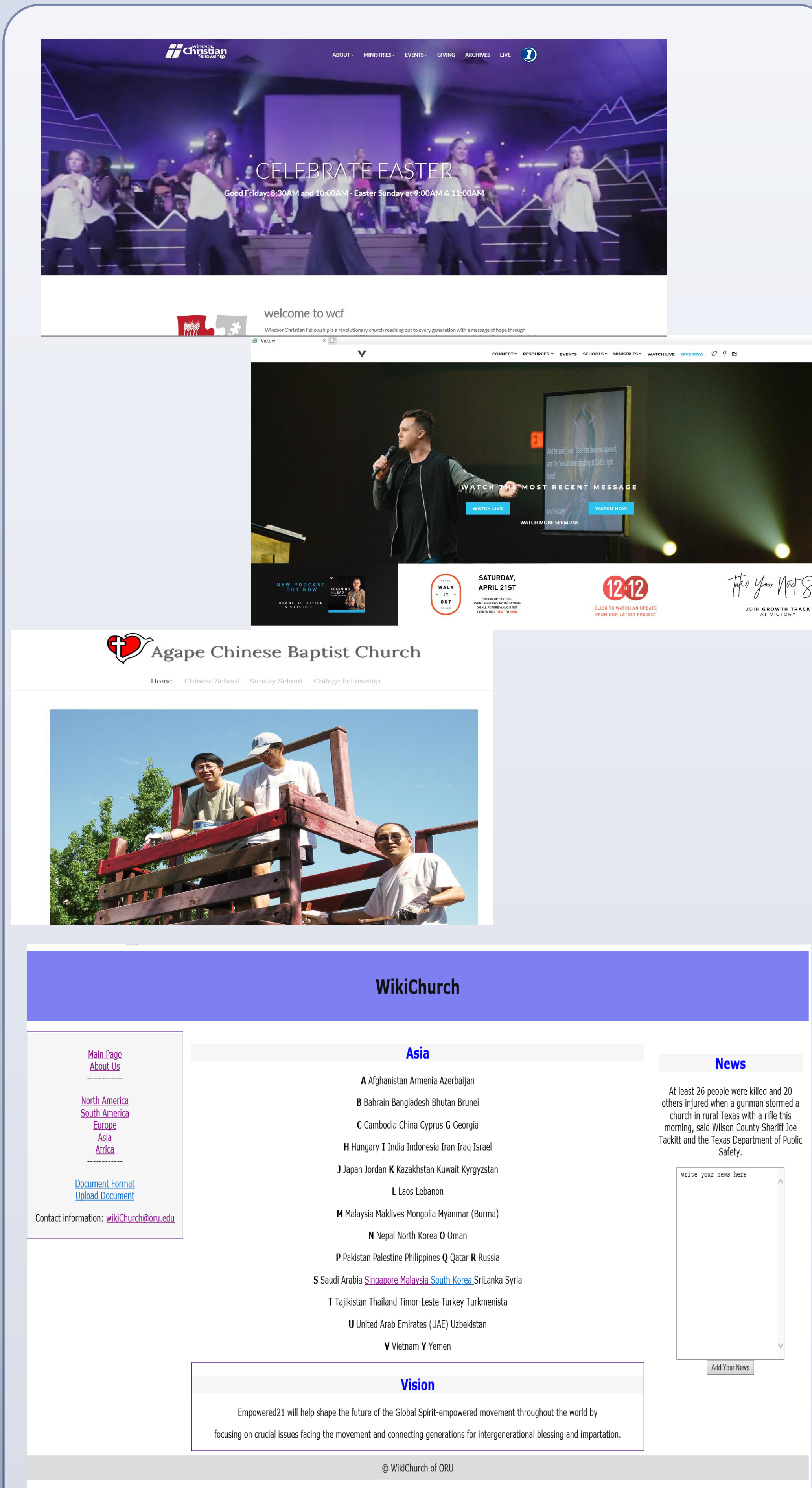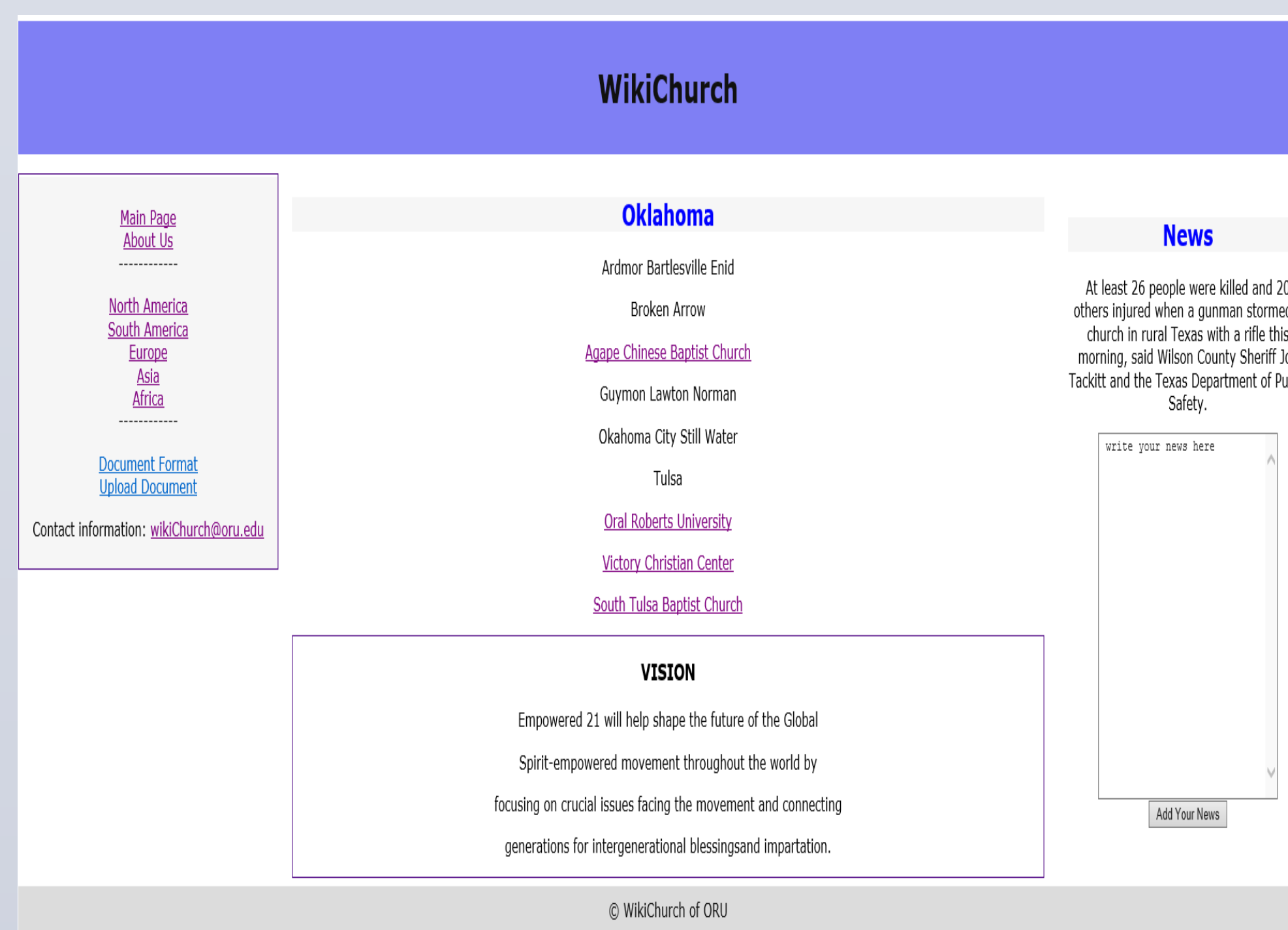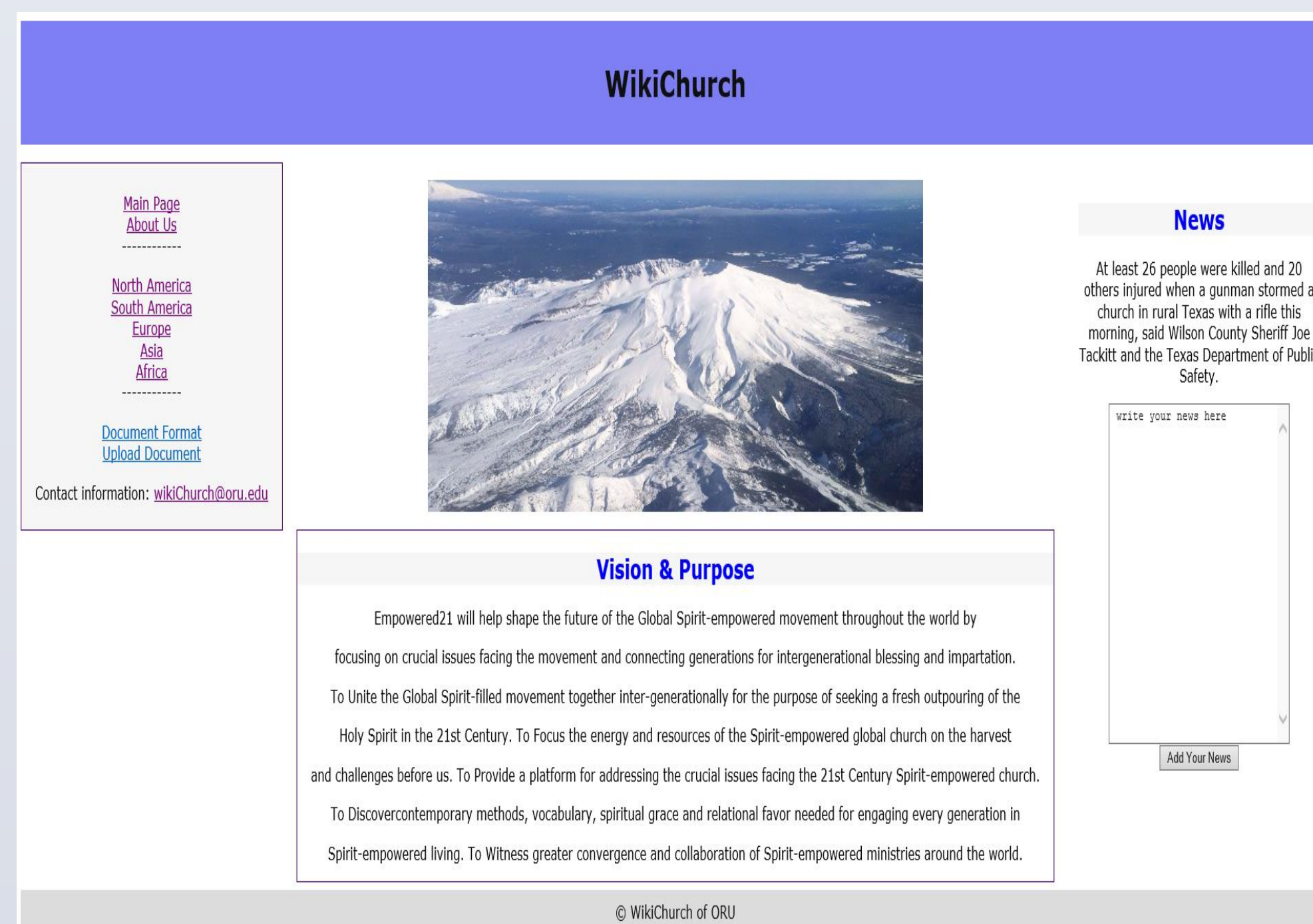College of Science and Engineering of Oral Roberts Universoty

OBJECTIVES

- Host a survey of E21 leaders during E21 events
- Build a website to host the information
- Develop a prototype database and secure server capacity

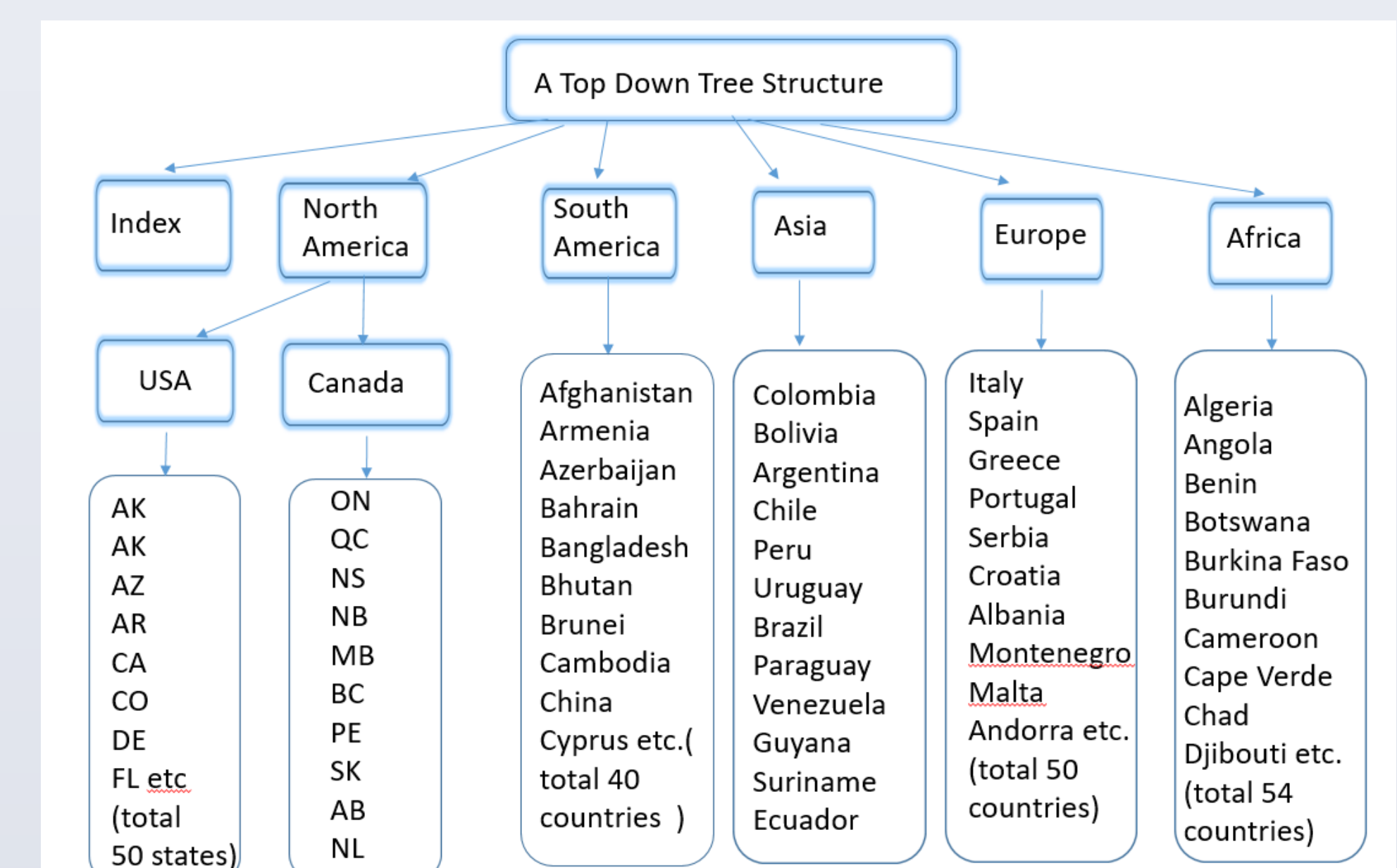## SERVEY OF E21 LEADERS DURING E21 EVENTS

- Created a survey form with the information of description of the project "E21 Ministry Directory Survey", name of the organization, name of person to contact for information about their organization, email of the contact person and the keywords of areas to be include in the global directory.

- Attended 2017 E21 Asia Congress Singapore on May 30-31, 2017. Conducted a "E21 Ministry Directory Survey" in Scholars group and Global Council group. Among them, 17 surveys from the Scholars and 14 surveys from the Global Council were completed and received.

BUILD A WEBSITE TO HOST THE INFORMTION

DEVELOP A POYOTYPE DATABASE

- It is a prototype for web-based database of Empowered 21 institutions and resources throughout the world.
- Taking advantage of the information and facilities, the database will allow Empowered 21 leaders to learn about other ministries and promote the collaboration across the world.
- The website brings fragmented information together in one easily navigable location for quick and accurate searching.
- Information provided in the website includes country area, names of organizations' information and relevant links.
- A top down tree structure was used to built the database based on country area.

FUTURE WORK

- Create mirror web pages in different languages to facilitate sharing of resources among peoples of the world
- Extract keyword information from web pages by analyzing each member's website in the E21 community
- Provide a searching function based on keywords
- Add password protection to the web pages
- Convert the web pages to an iphone app

ACKNOWLEDGEMENTS