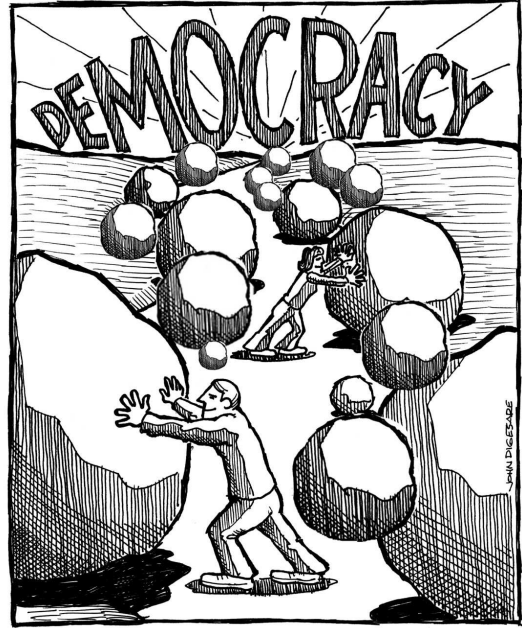


THE E-DEMOCRACY VERTICALLY INTEGRATED PROJECTS (VIP) TEAM

TEAM TITLE: e-Democracy

GOALS: The e-Democracy team is tasked with identifying constructive roles for engineering and science in enabling democratic institutions. Democracy is a complex system ripe for analysis, including meaningful challenges in the area of security and trust, hardware, human computer interaction, and large-scale and network computing challenges. Our goals are to: 1) Enable citizens to become informed democratic decision-makers; 2) Provide for universal digital access to all government services and information; 3) Increase transparency in evaluating government officials and processes; 4) Support digital democracy in developing countries; 5) Increase public confidence in election results through top-to-bottom election design and evaluation; 6) Increase the ability of citizens to have a personal voice in government; 7) Foster democratic communities among regional and local electorates, and communities that span national boundaries.



TECHNOLOGIES: Embedded systems, data mining, HCI, cryptography, web science.

RESEARCH ISSUES: Design and development of devices, interfaces, systems, processes, and public policies to enable secure, authenticated participation in gov't by all citizens. Adaptation of the above for different countries that account for their economic, cultural, and technological characteristics.

TEAM ADVISORS: Mike Hunter(CS), Ed Coyle (ECE), Mustaque Ahamad (CS), Doug Blough (ECE).

PROJECT PARTNERS AND SPONSORS: The Carter Center

DESIRED DISCIPLINES AND PREPARATION:

ECE / CSE / CS / IC: Embedded systems, networking, natural language processing, social networking, HCI

INTA / PUBP / Other: Media studies, marketing, outreach

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