Radio/TV Search Engine

Bryant Beeler
Christopher Caesar
Jonathan Murphy

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Background

- Digiclips, Inc founded in 2003

- media monitoring service

- 210 United States markets (89 international)

- government, university, & industry clientele

Problem Definition

- To create a web engine capable of analyzing media outlets for public relations purposes
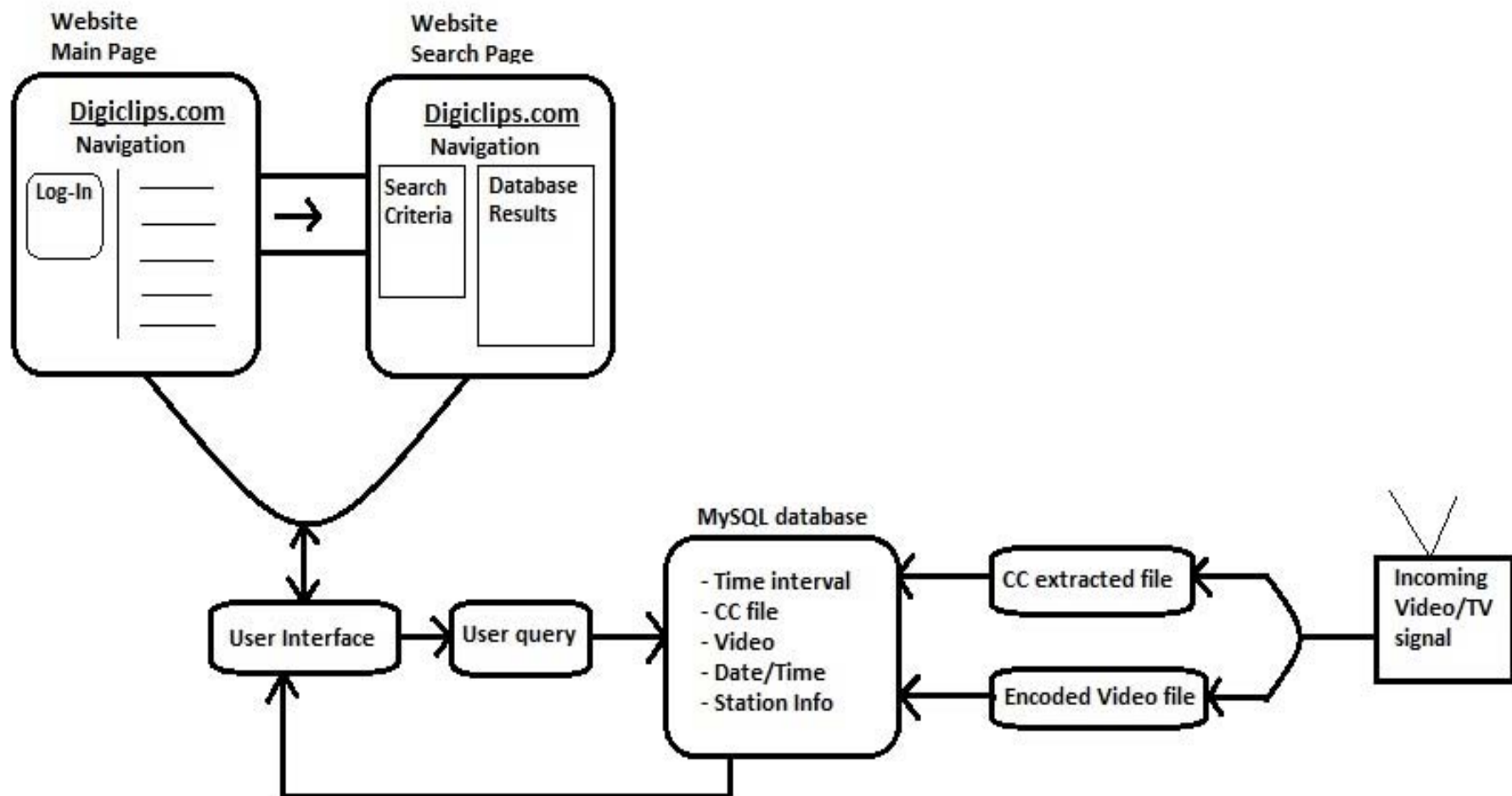
Initial Design Requirements

- software written in C++

- Providing search results using closed caption capture

- developing website for user interaction

Current Status of Art

- most of the results generated by other search engines are second hand (i.e. from other websites)

- Once a result is generated, its available to the general public
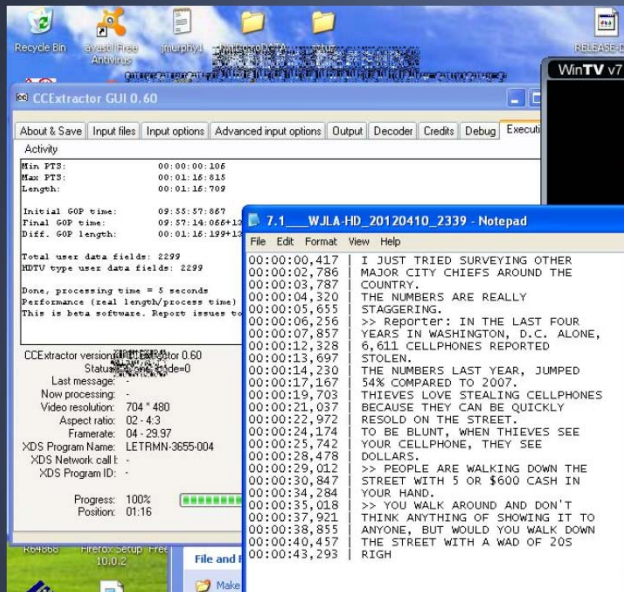
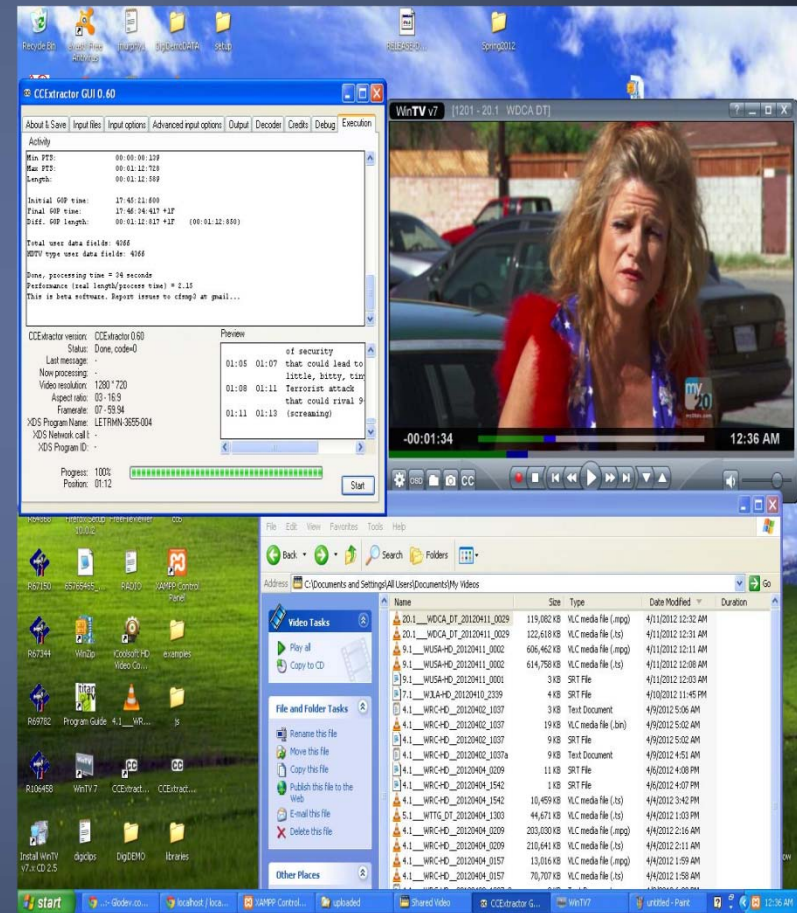# Solution Generation

Solution Implementation

WinTV-HVR-1600
internal HDTV card

- Watch/record digital TV
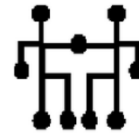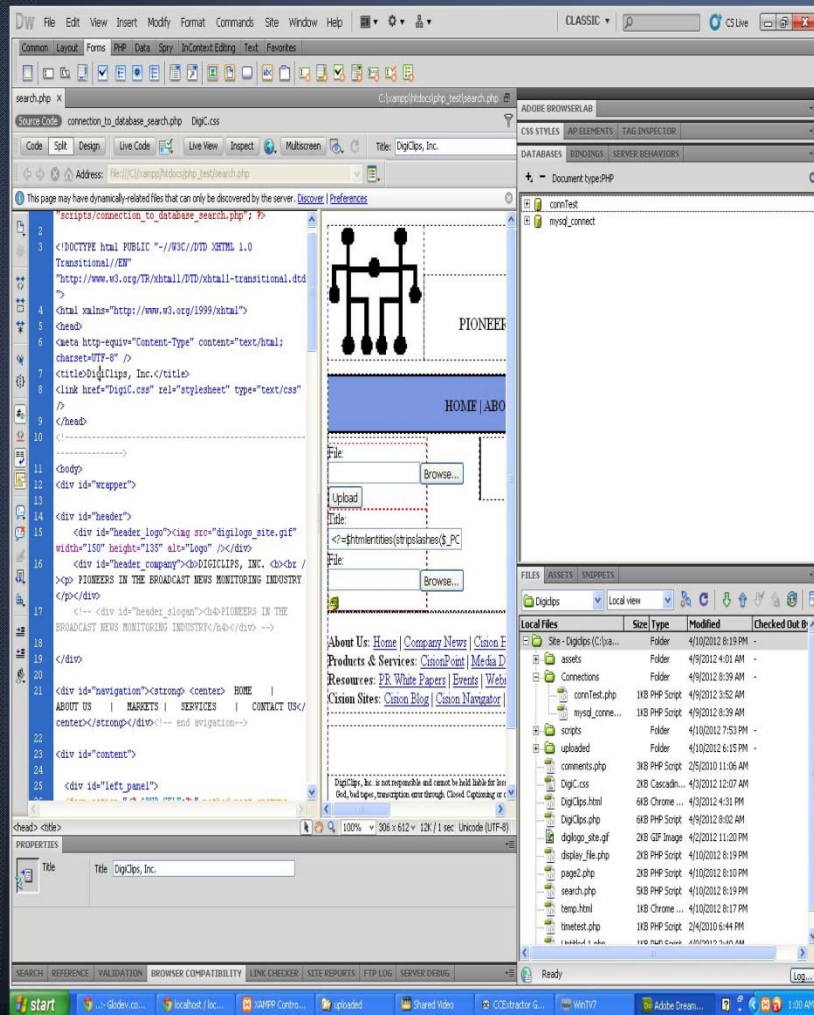- Able to record up to 1080i quality
- Built-in MPEG-2 encoder

Solution Implementation (cont'd)

- Extracting CC text from video file

- Saving video file in separate destination for user access

Solution Implementation (cont'd)

Project Management

- RTV
  - o J. Murphy- Programming and Database
  - o C. Caesar- Video implementation and integration
  - o B. Beeler- Radio Implementation and Integration
-

  TV
  - o J Murphy- Programming and Database
  - o C. Caesar & B. Beeler- Video implementation and integration

Project Timeline

Initial Proposal	**Nov 2011**
Initial Design Plan	**Nov-Dec 2011**
Hardware/Software Research	**Dec 2011-Feb 2012**
Hardware Acquisitions	**Jan 2012-Mar 2012**
Webpage/Interface Design	**Jan-Feb 2012**
Hardware Implementation	**Mar 2012-Apr 2012**
Interface/Database Implementation	**Mar 2012-Apr 2012**
Design Troubleshooting	**Apr 2012**

Alternative Solutions

- Automated Transferring of data files

- Use of Audio to Text

Future Suggestions

- Utilize more preexisting solutions

- Better management of information and correspondence

- Streamline database for user convenience

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Questions?