

Radio/TV Search Engine

Bryant Beeler
Christopher Caesar
Jonathan Murphy

Table of Contents

- Background
- Problem Definition
- Design Requirements
- Current Status of Art
- Solution Generation
- Solution Implementation
- Project Management
- Future Suggestions
- Alternative Solutions
- Acknowledgments

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

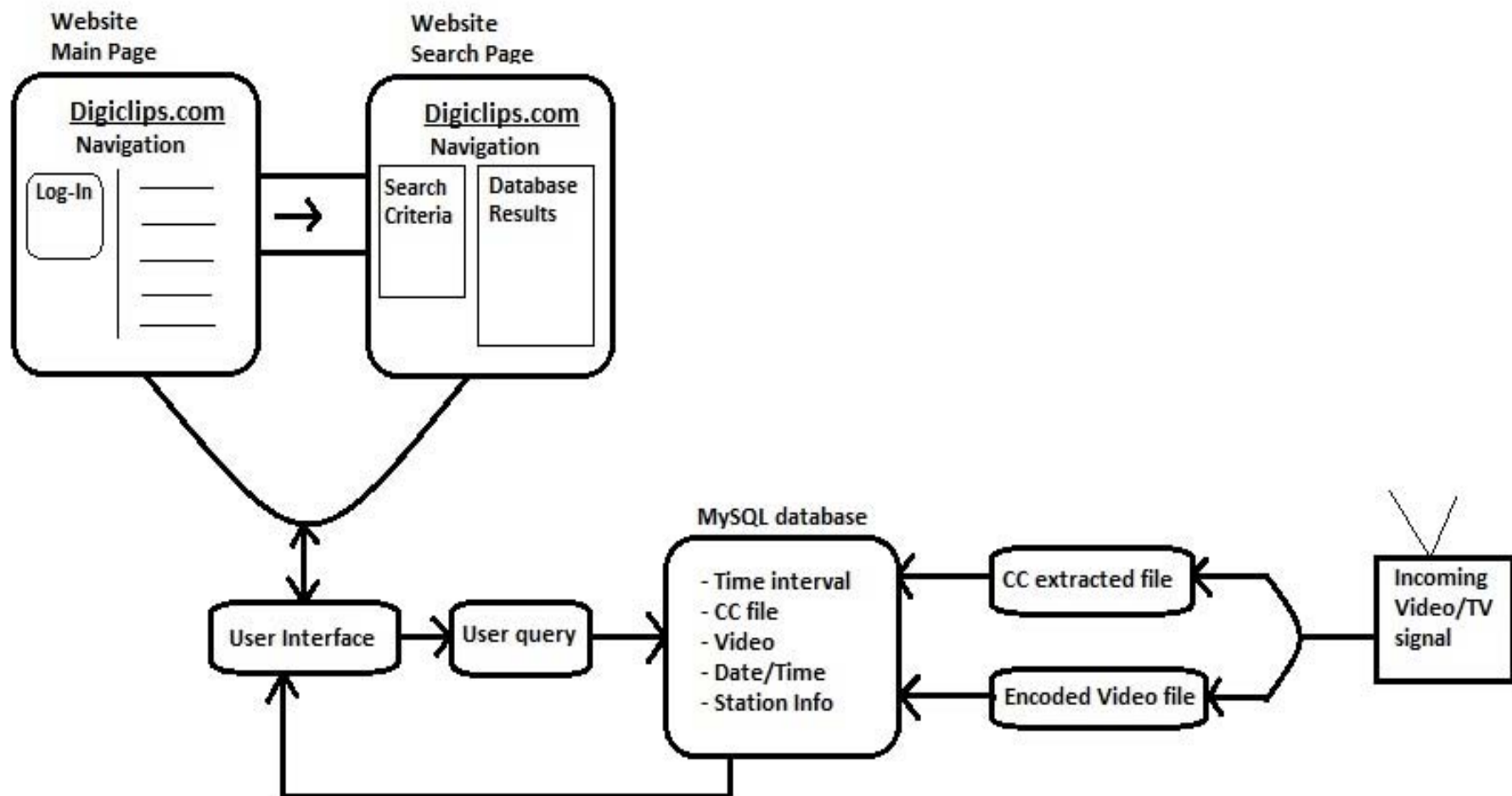
- software written in C++
- Providing search results using closed caption capture
- developing website for user interaction

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



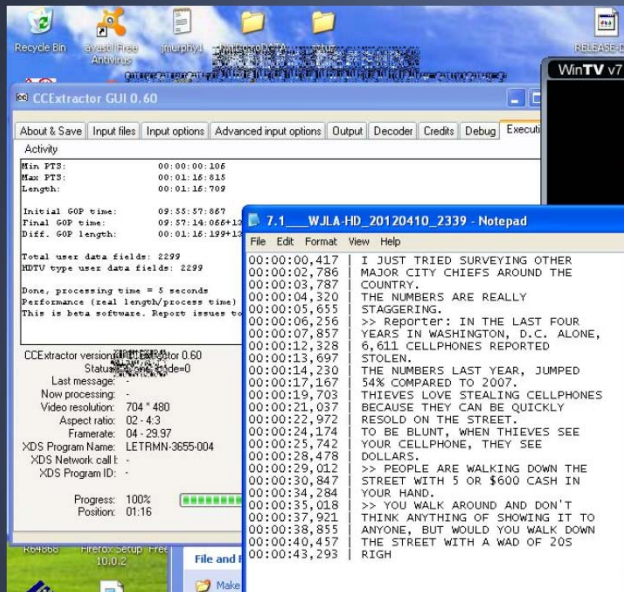
Solution Implementation



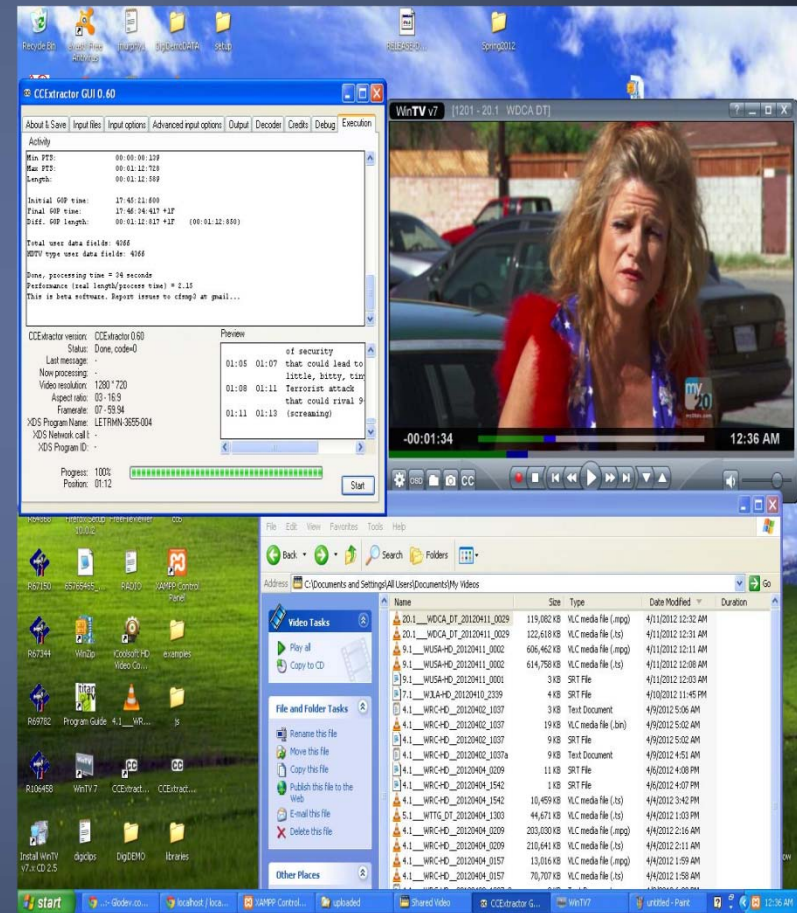
WinTV-HVR-1600
internal HDTV card

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

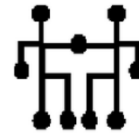
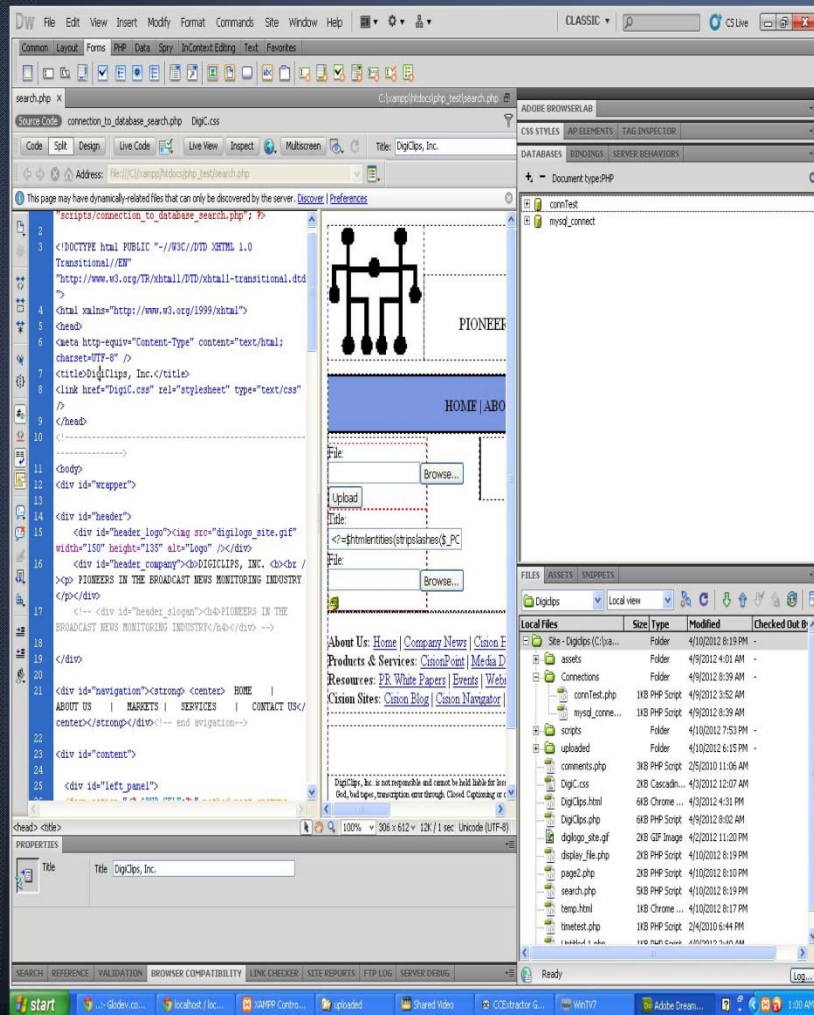
Solution Implementation (cont'd)



- Extracting CC text from video file
- Saving video file in separate destination for user access



Solution Implementation (cont'd)



DIGICLIPS, INC.

PIONEERS IN THE BROADCAST NEWS MONITORING INDUSTRY

[HOME](#) | [ABOUT US](#) | [MARKETS](#) | [SERVICES](#) | [CONTACT US](#)

Log In:

Email/Username

Password:

WHO

DigiClips monitors 210 United States and 89 International markets. Our broadcast monitoring services includes research, compilation and distribution of news stories and commercial tracking in multiple formats: Digital Delivery, DVD, CD, audio clip, and transcripts. We can also monitor online news from newspaper websites, magazines, broadcast websites and blogs. Our Publication Analysis service provides articulate, concise reports of print media publications that you select.

WHAT

DigiClips was founded in 2003 providing these services for a wide range of national clients including Metzger Associates, Pushkin Public Relations, Volume Public Relations, Pink Magazine, University of Colorado Medical, The Downtown Denver Partnership, St. Anthony's Hospital, The Denver Zoo, Drug Enforcement Administration offices around the country, and Kaiser Permanente.

WHERE

DigiClips prides itself in providing personalized service that keeps our clients coming back. Our singular focus is keeping our clients satisfied by filling their needs that includes flexible consideration of our charges.

WHEN

Please let DigiClips know if you have any questions about our services or fees, and any specific needs you'd like to discuss. We may not be the world's biggest monitoring service but we believe our [CUSTOMER SERVICE](#) is the best. We'd appreciate an opportunity to prove it to you.

About Us: [Home](#) | [Company News](#) | [Cision History](#) | [Client Testimonials](#) | [Locations](#) | [Partnerships](#) | [Management Team](#)

Products & Services: [CisionPoint](#) | [Media Database](#) | [Press Release Distribution](#) | [Media Monitoring](#) | [Media Analysis](#)

Project Management

- RTV

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

-

TV

- J Murphy- Programming and Database
- 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

Acknowledgements

- Dr. Charles Kim
- DigiClips
- Dept. of Electrical Engineering
- Fellow Teamates
- Classmates

Questions?