Mitigating Intelligence Community Abuses

by

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CIS680 Object Oriented Analysis Design with UML

Aspen University

Saturday, September 16, 2017

Course Project

Executive Summary

The problem / need is ongoing intelligence community abuses throughout the day / night that have occurred, since 9/11. The goal is to produce a project plan (i.e., system proposal, system specification). The project scope is creating a way to counter-counterintelligence with an online reporting system to combat and enforce intelligence community abuses. The tentative schedule is completed, during each week module with a finished project plan to file with the USPTO.

Problem / Need Statement

One recent news story is regarding a report published by Global Human Rights Charity titled Human Rights Abuses Report. The report looks at excessive corruption within Santa Barbara County by the intelligence community. It highlights human rights abuses regarding life / liberty, fair & equal justice, as well as, due process. In addition intelligence community abuses within economic rights, hispanic rights, and privacy rights (Soto, 2017). Police-involved shootings happen frequently. The news story includes satellite wifi and internet website hackings by the intelligence community.

Goals & Objectives

The goal is to enter the planning phase by providing a major deliverable with a project plan. In addition, the analysis phase will be entered by answering journalistic questions of who, what, when, and where. The major deliverable is the system proposal that describes requirements for the new system. Lastly, the design phase is entered determining how the system will function, particularly with hardware, software, network, user interface, forms / reports, programs, databases, and files. The major deliverables is the system specification containing the four steps of the design phase that is given to programmers to implement.

Project Scope

I believe this news story (Soto, 2017) applies to upcoming course content, because video clips of police-involved shootings can be taken from mobile phones and uploaded to an online reporting website. The video and report will be sent to the FBI, Secret Service, and Department of Justice (DOJ) for enforcement. However, I am also planning to create a state agency to prosecute these intelligence mobsters with a legal team created by a petition for the general election in 2020. The reporting system will report the user's location, time, date, internet connection (i.e., wireless, satellite, phone line, cable), modem, and device (i.e., desktop, laptop, mobile phone) along with hearing any wall click's, cable taps, intelligence speech, electromagnetic field energy presence, as well as, body organ attacks via intelligence technology (Soto, 2017).

Requirements Determination and Business Process Modeling

The system proposal is a document that includes the table of contents, executive summary, system request, workplan, feasibility analysis, requirements definition, functional model, structural model, behavioral model, and appendices

Executive Summary

The system proposal focuses on the development of a reporting system regarding intelligence community abuses onto human rights activists including former or current law school students. The benefits of a reporting system is \$246,000,000, while the costs are \$51,444,245. The system would communicate with intelligence community servers via API solutions (i.e., customized programming) to connect with our databases. We would have access to all intelligence community members who hold a security clearance including government contractors. We would pay attention to their use of intelligence technology communicating via satellite and radio waves, as well as, information systems / cyber communications. Our new

agency created via general election initiative would plug those intelligence community members from having, such communications access where they can target innocent human rights activists, law students, or the general public from expressing their constitutional / human rights.

System Request

Project Sponsor: CEO

Business Need: Report intelligence community abuses, and enforce with the law

Business Requirements: Capture intelligence community member user profile and activity logs

Business Value: Reduced number of police-involved shootings, and number of innocent people being targeted by the intelligence community. \$52 million in California .002% sales tax revenue generated from \$26 billion ("Revenue Estimates," n.d.).

Special Issues or Constraints: General Election Initiative approval. Top-level security clearance needed by project team to work with data

Workplan

Business Modeling: understand current business, uncover process problems, and identify projects

Requirements: identify requirements analysis, and conduct interviews

Analysis: identify business processes, and use cases

Design: identify classes

Implementation: open source software purchase, and custom programming

Test: search for problems

Deployment: move equipment into place, and gather petition signatures for General Election

Configuration and Change Management: setup system with state agency created

Project Management: staff system and agency

Environment: acquire and install tools

Operations and Support: manage agency

Infrastructure Management: identify standards, models, and patterns

Feasibility Analysis

Technical Feasibility: Can We Build It? The system can be developed with open source software along with custom programming by the project manager along with staff. The project size is medium in that the programming will be minimal, except for configuration with FBI, DOJ, and various intelligence community databases.

Economic Feasibility: Should We Build It?

- Identifying Costs / Benefits
 - Development Costs
 - Development team salaries
 - Consultant fees
 - Development training
 - Hardware / software
 - Vendor installation
 - Office space / equipment
 - Data conversion costs
 - Operational Costs
 - Software upgrades
 - Software licensing fees
 - Hardware repairs
 - Hardware upgrades

- Operational team salaries
 - Communications charges
 - User training
- Tangible Benefits
 - Increased tax revenue
 - Reductions in staff
 - Reduced IT costs
 - Better supplier prices
- Intangible Benefits
 - Improved customer service
 - Increased brand recognition
 - Higher quality service
 - Decrease intelligence community abuses
- Assigning Values to Costs and Benefits
 - Benefits
 - Increased tax revenue
 - \$52,000,000 (“Revenue Estimates,” n.d.)
 - Decreased intelligence community abuses
 - \$194,000,000 (\$2,000,000 x 97) (“\$5.7 Million,” n.d.; “Fatal Force,” 2017; Winton, 2017)
 - **Total Benefits**
 - **\$246,000,000**
 - Development costs
 - Development team salaries

- \$763,000
 - \$110,000 project manager (“Project Manager,” n.d.)
 - \$94,000 functional lead (“Functional Lead,” n.d.)
 - \$98,000 technical lead (“Technical Lead,” n.d.)
 - \$261,000 (3 x \$87,000 per analyst) (“IT Analyst,” n.d.)
 - \$200,000 (2 x \$100,000 per programmer) (“Computer Programmer,” n.d.)
- Consultant fees
 - \$132,000 (“Information Technology Consultant,” n.d.)
- Development training
 - \$354,000
 - \$118,500 training & development manager (“Training & Development Manager,” n.d.)
 - \$235,500 (3 x \$78,500 per training & development specialist)
- Hardware
 - \$5,000,000
- Software
 - \$10,000,000
- Office space / equipment
 - \$20,000,000 (“Los Angeles,” n.d.)
- Total development costs
 - \$36,249,000

- Operational costs

- Operational labor

- \$14,195,245

- $\$10,528,210 = \$1,052,821 \times 10 = \$514,760 +$
 $\$154,406 + \$154,000$ (7 per lawyer = 4 analysts @
 $\$128,690$ each + 2 collection @ $\$78,703$ each + 1
operations @ $\$154,000$ + 1 counterintelligence @
 $\$97,333$ + 1 certified ethical hacker @ $\$132,322$)
("Average Certified," n.d.; Hall, n.d.; "Intelligence
Analyst," n.d.; "Intelligence Collection," n.d.;
"Intelligence Operations," n.d.)
 - \$1,200,000 (10 x \$120,000 per trial lawyer) ("Trial
Lawyer," n.d.)
 - \$1,080,350 (10 x \$108,035 research and
development engineer)
 - \$830,000 (10 x \$83,000 manufacturing engineer)
 - \$200,000 (2 x \$100,000 per programmer)
("Computer Programmer," n.d.)
 - \$118,500 training & development manager
("Training & Development Manager," n.d.)
 - \$235,500 (3 x \$78,500 per training & development
specialist)

- Hardware / software

- \$1,000,000

- Total operational costs
 - \$15,195,245
- Total costs
 - \$51,444,245
- Determining Cash Flows, Determining Net Present Value (NPV), Determining Return on Investment (ROI), and Determining Break-Even Point are shown below:

	2021	2022	2023	2024	2025	Total
Tax revenue	\$52,000,000	\$55,026,400	\$56,627,668	\$58,275,533	\$59,971,351	
Less abuse	\$194,000,000	\$194,000,000	\$194,000,000	\$194,000,000	\$194,000,000	
Total Benefits	\$246,000,000	\$249,026,400	\$250,627,668	\$252,275,533	\$253,971,351	
PV Benefits (.0291)	\$238,841,400	\$241,779,731	\$243,334,402	\$244,934,314	\$246,580,785	\$1,215,470,632
PV All Benefits	\$238,841,400	\$480,621,131	\$723,955,533	\$968,889,847	\$1,215,470,632	
Total Development Costs	\$36,249,000	0	0	0	0	
Labor	\$14,195,245	\$14,741,194	\$15,287,143	\$15,833,092	\$16,379,041	
hard/software	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	
Total Operational Costs (.03846)	\$15,195,245	\$15,741,194	\$16,287,143	\$16,833,092	\$17,379,041	
Total Costs	\$51,444,245	\$15,741,194	\$16,287,143	\$16,833,092	\$17,379,041	
PV Costs (.0291)	\$49,947,217	\$15,283,125	\$15,813,187	\$16,343,249	\$16,873,310	\$114,260,088
PV All Costs	\$49,947,217	\$65,230,342	\$81,043,529	\$97,386,778	\$114,260,088	
Total Benefits Costs	\$194,555,755	\$233,285,206	\$234,340,525	\$235,442,441	\$236,592,310	
Yearly NPV	\$133,291,195	\$170,176,386	\$171,181,452	\$172,230,896	\$173,326,009	
Cumulative NPV	\$133,291,195	\$229,298,993	\$377,171,968	\$518,866,752	\$654,672,216	
ROI	274.15%	348.63%	350.65%	352.77%	354.99%	

Break-even Point	n/a					
Intangible benefits	Free publicity					

- Graphing Break-Even Point

Organizational Feasibility: If We Build It, Will They Come? Yes. If we build it then the funds will be available via state initiative allowing us to refine this system to aid those who need it. We will make it mobile friendly and market it in public libraries for desktop or laptop use.

Requirements Definition

Problem analysis as far as the system is concerned deals with officer-involved shootings conducted by the officers themselves often shielding the public from a current investigation, rather than allowing the press to have an open investigation into the facts working with the FBI, as well as, Department of Justice (DOJ). The current system is the intelligence community who suppress evidence and silence human rights activists as they did to me (Soto, 2017).

Root-cause analysis sees the police as part of the intelligence community, particularly as human intelligence who work with intelligence officers within police headquarters or remotely via intelligence technology. The root cause of problems is the intelligence community themselves who have too much power needing checks and balances put in place beginning with a third party agency as oversight. The oversight agency would collect complaints made by the public and investigate themselves, rather than solely the intelligence community.

Requirements-Gathering Techniques: Interview schedule will be done on Wednesday's, which is my day off work interviewing interviewees (i.e., FBI, DOJ, Secretary of State Elections Office, intelligence community data centers) for the purpose of integrating technology with strategy. Three types of questions will be asked, namely closed-ended (i.e., do you keep a

database of intelligence community members? Where are these databases located? Are your databases communicating with satellites?), open-ended (i.e., How many signatures do I need to gather for the California General Election? Do you provide API access to your databases? Would you be interested in receiving email complaints from my patent?), and probing questions (i.e., Why? Who do I ask? Do I need a security clearance?). An interview report will be generated providing insight into the purpose of the interview, summary of the interview, open items, and detailed notes.

Functional Model

Activity diagram:

Activity Diagram for Reporting Intelligence Community Abuses

Use case descriptions:

Use Case Name: Reporting Intelligence Community Abuses

Primary Actor: Student

Stakeholders and Interests:

Student -- wants to get education, but has to file intelligence community abuse complaints

New agency representatives -- works on complaint, investigates, and prosecutes

Brief Description: This use case describes how a student resorts to filing a complaint, which gets the ball rolling in prosecuting illegal abuses by the intelligence community

Trigger: Student makes contact with new agency representative by filing a complaint using the reporting of intelligence community abuses form

Type: External

Relationships:

Association: Student

Include: public complaints

Extend: Update investigation

Generalization: manage prosecution

Normal Flow of Events:

1. Student makes contact with new agency by submitting complaint
2. New agency reviews complaint
3. New agency assigns a lawyer to case
4. Lawyer conducts an investigation
5. Lawyer hires an intelligence team to combat intelligence community abuses
 - a. Analysts are hired via S-1 is performed

- b. Operations are hired via S-2 is performed
- c. Collection are hired via S-3 is performed

6. Team regroups for prosecution

SubFlows:

S-1: Analyst mission

- 1. Analysts review environment where incident took place via intelligence technology
- 2. Analyst examines the mind of the suspects

S-2: Operations mission

- 1. Operations conducts analyst and collection activity
- 2. Operations submits daily reports to lawyer

S-3: Collection mission

- 1. Collection hacks communications and data from suspects
- 2. Collection documents and reports data to operations

Alternate/Exceptional Flows:

S-1, 2a1: Analyst communicates what is observed to collection

S-2, 2a2: Operations identifies suspect within intelligence community database

Use-case diagram:

Structural Model

CRC cards:

Class Name: student

Description: An individual needing help

Responsibilities: Create complaint: name, address, email, location, body part, feeling, auditory sounds, smells, taste, description. Student helps with investigation. Change status. Student participates in litigation.

Collaborators: Patient makes appointment with lawyer.

Attributes: description (text)

Relationships:

Generalizations (a-kind-of): person

Aggregation (has-parts): intelligence community abuse history

Other associations: appointment

Class Name: lawyer

Description: An individual providing help

Responsibilities: Review complaint, investigate root cause, hire / coordinate intelligence team, research / apply case law, prosecute suspect(s) in court. Change status.

Collaborators: lawyer makes appointment with student, holds meetings with intelligence team, and works with litigation dream team.

Attributes: description (text)

Relationships:

Generalizations (a-kind-of): person

Aggregation (has-parts): intelligence community abuse history

Other associations: appointment

Class diagram:

Object diagram: **Behavioral Model**Sequence diagram: Communication diagram:

Sd Complaint Use Case

Behavioral state machine:

New agency

CRUDE matrix:

	student	lawyer	complaint	investigation	prosecution
student		CRU	CRE	R	CRU
lawyer	CR		CRU	CRUE	CRUE
complaint		CRE		CRU	CR
investigation	R	RU	RUD		CRE
prosecution		R	RD	RD	

Appendices

Class and Method Design

Package diagram:

Data Management Layer Design

Class diagram:

Human Computer Interaction Layer Design

Windows layout diagram:

Reporting of Intelligence Community Abuses

This form describes detailed information regarding abuses of power by the intelligence community using intelligence technology.

Name *

First Last

Address *

Street Address

Address Line 2

City State / Province / Region

Postal / Zip Code Country

Email *

Location *

Description of Location *

Body Part

☐ ear

☐ brain

☐ spinal cord

☐ tongue

☐ jaw

☐ penis head tip

☐ testicles

☐ intestines

☐ abdominals

☐ bottom of feet capillaries

☐ hand muscles / capillaries

☐ none

Description of Body Part

Feeling

☐ burning pain

☐ muscle strain

☐ millimeter-by-millimeter movement

☐ something crawl on you

☐ electromagnetic field energy

☐ none

Reporting of Intelligence x

www.globalclosers.net/machform/view.php?id=14351

☐ none

Description of Feeling

☐ voices

☐ wall clicks

☐ cursor clicks

☐ cable taps

☐ desktop thumps

☐ doors closing

☐ refrigerator clicks

☐ none

Description of Auditory Sounds

Smells

☐ perfume

☐ body odor

☐ chemicals

Reporting of Intelligence x

www.globalclosers.net/machform/view.php?id=14351

☐ perfume

☐ body odor

☐ chemicals

☐ blood

☐ rotten

☐ none

Description of Smells

Taste

☐ blood

☐ fish

☐ none

Description of Taste

Submit

Week 9: Physical Architecture Layer Design

I like the n-tiered architecture and would select it for the new agency information system.

I would have the reporting of intelligence community abuses web-based, rather than software on

a desktop. The computing architecture would be a client-server architecture balancing the work function between computer and server. The computer deals with the presentation logic, whereas the server with data access logic along with data storage. The application logic can be on either server or computer or be on both. Web based systems have low maintenance / overhead as the browser performs the presentation, minimal application logic using Java programming, as well as, a web server having application logic, data access logic along with data storage. Client-server architectures allow for storage to be scalable when overloaded by adding another server. Client-server architectures can run if one server stops. The client server architecture could use the n-tiered architecture. N-tiered architectures use four or more sets of computers. We could include the following components for our new agency platform. Reporting intelligence community abuses uses a web browser to enter commands via presentation logic, web server responding to requests in the form of HTML pages via application logic, or sending the request to another application server that is non-web related via application logic, and a database server storing data via data access logic / data storage. N-tiered balances the load on different servers and is more scalable (Dennis, Wixom, & Tegarden, 2012). The system would communicate with intelligence community servers via API solutions (i.e., customized programming) to connect with our databases. We would have access to all intelligence community members who hold a security clearance including government contractors. We would pay attention to their use of intelligence technology communicating via satellite and radio waves, as well as, information systems / cyber communications. Our new agency created via general election initiative would plug those intelligence community members from having, such communications access where they can target innocent human rights activists, law students, or the general public from expressing their constitutional / human rights.

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