

ITCS 4121/5121 Contest Assignment 3

Datasets: This time we use a broadcast news video dataset. Assume that you have a big collection of CNN news videos. The videos have been segmented into individual news stories with their significant keywords such as “Iraq”, “war”, and “Bush” extracted for you. An example close caption of a news story is attached to this assignment. The real datasets contains many stories sorted by their time stamps. You can access the real video using the reportID.

Visualization: What to you want to do with this dataset? Try to find one or more tasks. For example, you may want to find out hot news topics in this month. Then design a visualization technique to visualize the dataset to help you perform the tasks. You can use any existing techniques with your own improvement or customization, or design a brand new technique.

Presentation: This is an optional contest. If you give a presentation, you will get 1 point. If you don’t give a presentation, you won’t lose any points. You can prepare a 5 minute presentation to illustration your tasks and approaches. You can use slides, draw your design on a piece of paper (we have a doc projector which can project your hand drawing to the screen), or draw your design on the blackboard.

Time: The students will present their designs on **Thursday, Feb 28**.

Winners: First prize: Assume that there are M students attending the test. M/5 first prize winners will be elected. Each winner will gain 3 points and a waiver to one critique assignment.

Second prize: M/5 second prize winners will be elected. Each winner will gain 2 points for their final grade.

For students who do not attend the contest, 0 points will be deducted.

What is a best design? The useful design with high novelty!

Attachment Example Close Caption

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<reportId>Y:\video\MultiChannel\CNN\2006_08_06_X_19_28.mpg</reportId>
<reportKeyword>U.S., Baghdad, iraqi, Iraq</reportKeyword>
<reportStory>--IT WAS A SHOCKING CRIME THAT DREW THE ANGER OF
MILLIONS OF IRAQIS.
--THE ALLEGATIONS OF RAPE, MURDER AND CONSPIRACY.
--THE SUSPECTS ARE U.S. SOLDIERS.
--AND NOW THE LEGAL WHEELS ARE TURNING AND EYES OF IRAQIS AND
AMERICANS ARE WATCHING.
--CNN'S HARRIS WHITBECK HAS MORE.
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--Reporter: THE CASE REVOLVES AROUND WHAT HAPPENED IN IN HOUSE IN THE TOWN OF MAHMOUDIYA ONE NIGHT EARLY LAST MARCH.

--ACCUSATIONS OF RAPE, PREMEDITATED MURDER, DESTRUCTION OF EVIDENCE ALLEGEDLY BY FIVE U.S. SOLDIERS WHO MANNED A CHECKPOINT.

--PRIVATE FIRST CLASS BRYAN HOWARD JAMES BARKER, JESSE SPIELMAN.

--SERGEANT ANTHONY YRIBE IS NOT CHARGE WITH PARTICIPATING IN THE RAPE AND KILLINGS BUT IS CHARGE WITH DIR LIKZ OF DUTY FOR NOT REPORTING IT.

--THE HEARING IS TAKING PLACE ON A U.S. BASE IN BAGHDAD CAMP VICTORY.

--IT'S FIRST STEP TOWARD A POSSIBLE COURT-MARTIAL.

--HE'S ULTIMATELY TASKED TO DETERMINE WHETHER THERE IS A REASONABLE BASIS TO BELIEVE THAT THOSE CRIMES WERE COMMITTED PREPONDERANCE AND THEN HE SIMPLY ADVISES THE CONVENING AUTHORITY OF HIS OPINION, WHAT HE'S BEEN ABLE TO FIND.

--Reporter: A SIXTH SOLDIER STEVEN GREEN IS NO LONGER IN SERVICE HAVING BEEN DISCHARGED FOR A PERSONALITY DISORDER IN MAY.

--HE IS FACING SIMILAR CHARGES IN A SILLVILLIAN COURT IN THE UNITED STATES.

--MILITARY PROSECUTORS SAY THE SOLDIERS HAD BEEN DRINKING THE NIGHT OF THE CRIME THAT THEY WENT INTO THE HOUSE, RAPED A WOMANS WHO AGE HAS NOT BEEN DETERMINED, BUT ACCORDING TO THE MAYOR OF MAHMOUDIYA, WAS ONLY 14 AND THEN KILLED HER, HER PARENTS AND HER 5-YEAR-OLD SISTER BEFORE SETTING FIRE TO THEIR BODIES.

--IRAQI PUBLIC OPINION ABOUT THE CASE REVOLVES AROUND JURISDICTION AND THE IMMUNITY FROM PROSECUTION IN IRAQI COURTS U.S. SOLDIERS ENJOY.

--Translator: WE BELIEVE THE IMMUNITY IS WHAT EMBOLDENED TO COMMIT SUCH CRIMES IN COLD BLOOD.

--THIS REQUIRES SUCH IMMUNITY SHOULD BE RECONSIDERED.

--WE AFFIRM WE SHOULD PARTICIPANT IN INVESTIGATING CRIMES AGAINST THE IRAQI PEOPLE.

--Reporter: BUT U.S. LEGAL EXPERTS SAY THE PROCEEDINGS BEING CLOSELY FOLLOWED IN BAGHDAD WILL BE SHURD CONFIDENCE IN U.S. MILITARY SYSTEM.

--THEY WILL WATCH THIS PROCESS UNFOLD.

--THEY WILL WATCH WHAT A FAIR TRIAL WORKS LIKE IN ACCORDANCE WITH DUE PROCESS AND PRESUMPTION OF INNOCENCE AND THEY WILL MAKE THEIR OWN JUDGMENT.

--Reporter: SOME WILL HAVE ALREADY MADE A JUDGMENT.

--LAST MONTH A WEBSITE POSTED VIDEO OF TWO KIDNAPPED SOLDIERED BEHEEDED IN, QUOTE, REVENGE FOR OUR SISTER CHOFS DISHONORED BY ON OF THE SOLDIERS.

--ARTICLE 32 HEARING WILL DETERMINE WHETHER THERE WAS ENOUGH EVIDENCE FOR COURT-MARTIALS TO PROCEED APPROXIMATELY IT'S BEING DESCRIBED BUSINESS SOME WHO IS POTENTIALLY DAMAGING TO THE U.S.

--MILITARY REPUTATION IN IRAQ.

--HARRIS WHITBECK, CNN, BAGHDAD.

--THERE'S ANOTHER SHOCKING STATISTIC.

--SOME 14,000 CIVILIANS WERE KILLED IN THE FIRST SIX MONTHS OF THIS YEAR IN IRAQ.

--IN THE STRIFE BETWEEN SHIITES AND SUNNIS.

--UNITED NATIONS SAYS A IRAQI CIVILIAN DEATHS HIT 100 A DAY IN JUNE.

--CAN YOU IMAGINE IF THAT HAPPENED IN ANY CITY RIGHT HERE IN THE UNITED STATES?

--THE DAYS OF THESE SCENARIOS MAY BE OVER.

--I TALKED TO ARTHUR OF THE BOOK "THE SHIA REVIVAL" AND I ASKED HIM WHETHER IRAQ HAS DOGGONE BEYOND EK SECTARIAN VIOLENCE.

--I THINK SO.

--I THINK IT CAN BE CHARACTERIZED AS A LOW-LEVEL STAGE OF CIVIL WAR WHERE EACH ID IS ESSENTIALLY USING VIOLENCE TO INTIMIDATE CIVILIANS, TO PUSH THEM OUT OF TERRITORY AND TO ESTABLISH CONTROL OF TERRITORY IN PREPARATION FOR EITHER A SEPARATION OR AN ALL-RIGHT BATTLE THAT MIGHT BECOME.

--WHEN YOU SEE THE FIGHTING BETWEEN THE SUNNIS AND THE SHIA, FOR EXAMPLE, THE VERBAGE THAT WE USE THE SECTARIAN VIOLENCE.

--IF THAT WERE TO BE REPLACED WITH ETHNIC CLEANSING, WOULD YOU AGREE WITH THAT?

--IS THAT WHAT'S HAPPENING ON THE GROUND?

--FOR AT LEAST OVER A YEAR NOW, THIS HAS BEEN HAPPENING.

--IT'S JUST ONLY BECOME MUCH MORE RECENTLY WHERE ONE COMMUNITY USES VIOLENCE, ASSASSINATIONS, KILLINGS, INTIMIDATION TO PUSH THE OTHER COMMUNITY OUT OF THAT AREA COMPLETELY.

--IT BEGAN IN OTHER CITIES IN IRAQ BUT NOW IT'S REALLY BECOME A BATTLE GROUND BECAUSE THAT'S THE BIG PRICE IN IRAQ.

--THAT'S WHERE THERE'S THE MOST AMOUNT OF COEXISTENCE AND SHE QUITES AND SUNNIS ARE BUSY ESSENTIALLY CLEANING NEIGHBORHOODS OF THE OTHER COMMUNITY IN SOME WAYS DIVIDING UP THE CITY AMONG THEM.

--YOU WOULD AGREE THAT ETHNIC CLEANSING IS GOING ON IN IRAQ AS WE SPEAK?

--YES, ETHNIC CLEANSING BY A DIFFERENT NAME.

--WE CAN CALL IT SECTARIAN CLEANSING.

--THE SHIITES ARE PUSHING SUNNIS OUT OF SOME NEIGHBORHOODS AND SUNNIS ARE PUSHING SHIITES OUT OF OTHER NEIGHBORHOODS AND THEY ARE USING KILLING AND ASSASSINATION TO GET THE JOB DONE.

--SO IF THE WORLD WERE TO CALL IT ETHNIC CLEANSING, DO YOU THINK THE RESPONSE TO THE PROBLEM WOULD BE DIFFERENT?

--I THINK SO.

--I THINK, IN FACT, MANY IRAQIS WOULD PREFER THAT WE USED WORDS LIKE CIVIL WAR AND ETHNIC CONFLICT BECAUSE THERE IS AN EXPERIENCE IN THE WEST WITH WHAT THESE TERMS MEAN AND THEREFORE THEY MUCH MORE INEFFECTIVE IN INTERNATIONAL RESPONSE.

--RESOURCE BROUGHT TO BEAR ON THE PROBLEM IN IRAQ AND TO PREVENT IT FROM BECOMING MUCH MORE.

--BUT WHAT ARE THE CONSEQUENCES OF -- FOR THE INTERNATIONAL COMMUNITY IF IT WERE TO BE DESCRIBED ASth ANYTHING CLEANSING IF, IN FACT, PEOPLE DECLARED YES, THERE IS A CIVIL WAR GOING ON?

--WELL, THE FIRST ADMISSION WOULD BE THAT THE FORCES ON THE GROUND THAT BEING THE CENTRAL IRAQI GOVERNMENT, IS INCAPABLE OF HANDLING A POTENTIAL HUMANITARIAN AND A GENOCIDAL CONFLICT AND THAT THE INTERNATIONAL COMMUNITY THROUGH THE UNITED NATIONS AND OTHER AGENCIES WOULD HAVE TO BRING HUMANITARIAN AND SECURITY FORCES TO PREVENT SUCH A CATASTROPHE.

--THAT WAS NARS ON THE COUNCIL OF FOREIGN RELATIONS AND WORDS WE USED TO DESCRIBE IT.

--WE WANT TO TELL THE TRUTH.</reportStory>