

Grading Policy:

- Attendance 5%
- Assignments & Quizzes 20%
- Project 50%
 - Paper Summary & Discussion 10%
 - Testing & Verification 10%
 - Modification & Comparison 10%
 - Report & Presentation 20%
- Exam 25%

Paper Summary & Discussion 10%

- Each student needs to give the instructor three (3) papers to choose from for their focus study. These three papers should be submitted by end of *Week 5*
- The instructor will assign a paper for the student to work on by Week 6.
- The chosen paper should be understood in depth and a one page summary report is to be submitted. The report should be in the students <u>own words and not copied from the resources</u>. This summary report should be submitted by the end of **Week 7**
- Note that the papers should be on related topic to the course, from reputable journals or conferences, and *should not be more than three years old*.

Testing & Verification 10%

- To proof understanding the chosen paper, it should be tested & verified by the student.
- These testing & verification are to be completed by *week 8*

Modification & Comparison 10%

- A modification to the idea is to be agreed upon.
- This modification is to be tested and verified.
- The modification needs to be compared to the original idea tested results.
- This should be ready by week 10.

Report & Presentation 20%

- " Title:
- · " Your Name
- Abstract: (to briefly describe your work and improvement)
- " Keywords:
 - Introduction: (importance and possible applications, previous work, your exact achievements, and briefing of the sections flow within the document)
- Brief Theoretical Background and/or Available Methods: (presented different techniques as examples)
- Detailed description of the studied work: (describe the idea, procedure, algorithm and your implementation tests)
- Your improvement: (describe all updates and implementation of your improvement)
- Detailed comparisons:
- " Conclusion
- " Acknowledgment: Thank UQU; Example: "Thanks to Umm Al-Qura University for supporting this work."
- · " References

Considerations: What do we want?

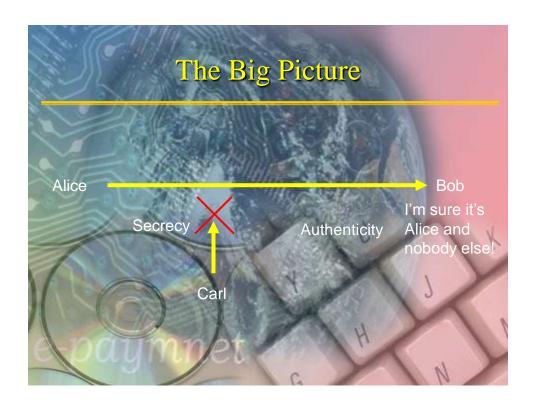
- Privacy of our data
- Integrity of our data
- Usability of our system/data

Concepts Confidentiality of data Integrity of data Authentication of users



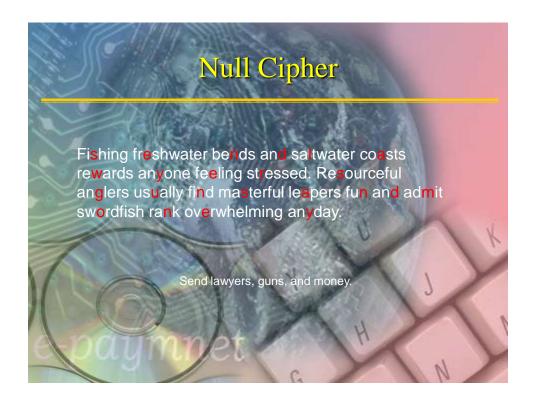
Definitions • Secrecy (Confidentiality) - Diary Lock • Authenticity - Hi it's Bob. - Prove it Dude...











Invisible Ink Write with lemon juice and a toothpick/ cotton swab. Let the paper dry. Heat the paper with an iron to reveal the hidden message.

