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CS 486- Cryptography  
Project 1 Plan  
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### Project 1: Research Project on Edith Rickert

Idea: Research project that involves going into depth on Edith Rickert's contributions to cryptography.

Objective: Edith Rickert was a talented cryptographer with many contributions to modern cryptography as we know it today, but there is very little documentation and recognition to her name. The objective of this project is to bring light to her achievements and update her Wikipedia page with relevant and accurate information on her work. Professor Lambert also suggested contacting the NSA History department to request updating her profile on their website.

Deliverables: The deliverables for this assignment will be a research paper (between 3-5 pages long) detailing some missing information about Elizabeth Rickert. I will also work with other students who are pursuing the same topic to update her Wikipedia page, and contact the NSA History department.

Resources: Annotated version of Black Chamber, watch the movie (borrow from Professor), Rickert and her sister's publications which can be found online

#### Working List of References:

1. <https://www.lib.uchicago.edu/e/scrc/findingaids/view.php?eadid=ICU.SPCL.RICKERTE#idp75789456>
2. <https://www.marshallfoundation.org/library/digital-archive/american-black-chamber-annotated-digital/>
3. <http://cipharmysteries.com/2010/07/24/edith-rickert-revisited>
4. <http://cipharmysteries.com/2009/04/24/edith-rickerts-margaret-rickerts-papers>
5. [https://en.wikipedia.org/wiki/Edith\\_Rickert](https://en.wikipedia.org/wiki/Edith_Rickert)
6. <https://ir.uiowa.edu/cgi/viewcontent.cgi?article=1300&context=mff>
7. <https://www.knox.edu/news/knox-college-professor-john-dooley-book-on-codebreakers>