Select a topic related to computer networks, and build a wiki page for the topic and upload it to your wiki page created at http://pbwiki.com/ or Web hosting site. Example topics include, but are not limited to:

- Introduction to computer networks, Internet history, ISO/OSI reference model, World Wide Web, HTTP, DNS, Reliable communication protocols, Sliding window protocols (selective repeat and go-back-n), TCP, UDP, Routing algorithms (link state and distance vector), IP, ICMP, Error detection and correction theory, Parity bit, CRC, Dynamic channel allocation, Multiple access protocols (Aloha, CSMA etc.), Ethernet, ARP, DHCP

**Project requirement #1. Building your wiki page**

The project can be carried by a single person or a team of two members. Each team is assigned a unique topic (as much as possible) based on a first-come-first serve basis. You are welcome to propose a topic. If available, the proposed topic will be granted.

The wiki page you build must consist of original writing and original illustrations (very small amount of quotations are allowed, and considering the nature of this project, moderate amount of paraphrasing and redrawing of an existing figure with certain degree of variations are also allowed).

Your writing should be a result of your literature search on the topic assigned to you. I expect you read at least 10 references related to the topic. Please do not simply focus on the textbook.

Furthermore, a class will be created at turnitin.com for you to self-check any potential plagiarism. You must upload your wiki page to the account and generate a report.

**What to Submit:** An email to me containing the URL to your wiki page, with the turnitin.com report attached.

**Project requirement #2. Reviewing three other wiki pages anonymously**
You will be given three other wiki pages written by your peer to review according to the following guideline. Your identity will be kept confidential.

**Review guideline**
You need to read the wiki pages assigned to you carefully and review them thoroughly based on this guideline. You will score each page on a scale of 0 to 10 based on your findings to each question below. *However, if you find any solid evidence of plagiarism, even if that is a single sentence, or a single figure, you should score the page a 0.*

1. Quality of the wiki page design (30%)
   - (10%) When you visit the wiki site, can you easily locate the wiki page you are asked to review? Please document your experience.
   - (10%) Does the wiki page have appropriate title, author (or authors) listing, appropriate headings, and bibliography? List what is missing in your review.
   - (10%) Does the wiki page contains any figures? If yes, how is the quality of the figures?

2. Checking for plagiarism (30%)
   - (10%) Choose 5 sentences in the wiki page, either randomly, or according to your suspicion, perform a google search on each sentence. Include in your review the following information for each sentence you choose:
     i. The sentence you choose in the wiki page
     ii. The first 5 hits in the google search results
     iii. Your judgement on possible plagiarism, e.g., how close is the sentence to the ones found by google search? If you determine there is strong indication of plagiarism, please provide the original article's URL and the paragraph that contains the plagiarized sentence.
   - Note that if evidence of plagiarism is found, a 0 score of the page should be given. If the page survived the plagiarism test, full credit for this review item should be awarded. You may award partial credit if you find some sentences are too close to those in the original articles.
   - (5%) If a figure is used in the wiki page, is it an original figure? If not, the page (not just this item) should be given 0 credit.
   - (5%) Is the references used in the wiki page appropriately numbered and cited throughout the page?
   - (10%) How many references are given in the wiki page? Writing a wiki page based only on a single or two references are seriously discouraged. A wiki page that cites two or less references should not be given credit on this review item. The expected number of references is 10. The credit you award should be determined accordingly.
3. Quality of writing (40%)
   ⇒ (10%) Can you find any typos and/or grammatical errors? Please document all such errors and provide the corresponding corrections. The wiki page should be given 0 credit on this item if you find 5 or more errors.
   ⇒ (10%) Is the wiki page easy to understand? If there are specific topics included in the page unclear to you, please point them out.
   ⇒ (10%) Is the wiki page too short? Does the wiki page refer to any topics without providing adequate explanation and references to further reading? Please document.
   ⇒ (10%) Does the wiki page contain any technical errors? Please indicate in you report the technical errors if you find any, together with your corrections.

What to Submit: An email to me containing your review.

Project requirement #3. Revise your wiki page
The anonymous reviews for your wiki page will be emailed to you. You are expected to revise your wiki page in light of the comments in the reviews. If you find errors in the reviews, please elaborate and refute them.

Please be sure not to plagiarize on your writing (including literally using other’s figures). Any plagiarism, if found in the final version of your wiki page, will render a zero credit on the project and a warning towards your grade. If you are caught cheating again, you will be given an F grade and you might be dismissed from the program. So, please be serious!

You should generate another report for your final wiki page at turnitin.com.

What to Submit: An email to me containing the URL to your final revised wiki page, a list of changes (and or any refutations), and a copy of the turnitin.com report.
<table>
<thead>
<tr>
<th>Item</th>
<th>0%</th>
<th>50%</th>
<th>100%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Quality of wiki page design (10%)</td>
<td>Hard to locate the wiki page; no or inappropriate title; no author list; no appropriate headings; poor page layout</td>
<td>Require some effort to locate the wiki page; missing some essential parts such as title, author list; page layout could be improved</td>
<td>Easy to locate the wiki page; no missing parts; excellent page layout with appropriate graphics</td>
</tr>
<tr>
<td>Checking for plagiarism (10%)</td>
<td>Contains plagiarism in writing and/or drawings (whole project will be given 0 in this case); less than 3 references given</td>
<td>Too many paragraphing; no figures; only 4-6 references</td>
<td>No apparent plagiarism found; one or more high quality original figures; 10 or more references provided</td>
</tr>
<tr>
<td>Quality of writing and drawing (30%)</td>
<td>More than 5 typos or grammatical errors; page too short (&lt; 500 words); content difficult to understand; apparent technical errors</td>
<td>3-4 typos or grammatical errors found; requires some effort to read the page; topic is not substantially covered (&lt;1000 words); no apparent technical errors</td>
<td>No typo or error found; easy to read; substantial coverage on the topic (&gt;1500 words)</td>
</tr>
<tr>
<td>Quality of review (30%)</td>
<td>Many review tasks missing; many typos and errors are not caught; inappropriate criticism on other’s pages</td>
<td>Some review tasks missing; some typos and errors are not caught; show no insight on the wiki pages reviewed</td>
<td>No missing review task; caught most typos and errors, if any; provided good insight on the wiki pages reviewed and provided valuable suggestions on improvement</td>
</tr>
<tr>
<td>Quality of revision (20%)</td>
<td>No or very little revisions at all. Change list is not provided</td>
<td>Ignored some comments provided in the peer review; change list is not substantial; moderate improvement of the wiki page</td>
<td>All comments have been addressed; provided detailed change list; significant improvement of the wiki page</td>
</tr>
</tbody>
</table>
Appendix A. How to create a wiki page at http://pbwiki.com/
Creating a wiki page at http://pbwiki.com/ is easy. Simply go to http://pbwiki.com/, and choose your favorite wiki name, provide your email address, and click the “Create My Wiki” button. You should receive a confirmation email fairly quickly. You should then click the link provided in the confirmation email to officially take the wiki name of your choice. You get to control your wiki page. It is recommended that you initially keep your page private while you are working on your page. But you should make your wiki page public at the time you submit your page.

Appendix B. Turnitin.com – A Useful Tool to check your writing against plagiarism.
Overview: The Entire 4-Step Process
In order to submit your paper,
• have an electronic version of your paper ready
• create a user profile at www.turnitin.com
• submit class number and password you get from the professor
• click on the Browse button and upload your paper
Creating a User Profile and Submitting a Paper
Go to www.turnitin.com
• CLICK on create a user profile at the top right of the screen under login
• type in your e-mail address
• create a password (6-12 characters using 1 letter and 1 number)
• re-enter your password and click next
• enter your first and last name, country, and state
• select student as user type, CLICK that you agree with terms of use
• CLICK start class enrollment wizard
• you’ll be asked to give the class ID number and enrollment password
• CLICK end wizard to go to login page
• login with your email address and password as a student
• enter the class ID number and your enrollment password
• CLICK on the name of the class (e.g. Technical Writing)
• CLICK on the Submit button next to the assignment
• CLICK the Browse button to upload in your paper
• Select wherever your paper is
• CLICK the paper once
• CLICK Open (and it should appear in the box next to the Browse button)
• CLICK Submit
• you will be able to view your Originality Report only if your instructor has selected that option for students.