Version Control

1. Intro to Version Control
   1. What it is
   2. Purpose/Benefits
   3. Types
      1. Local
      2. Centralized
      3. Distributed
2. Version Control Terminology
   1. Repository, branching, checkout, commit, revert, patch
3. Examples of Version Control software and how to use them
   1. Local
      1. RCS
   2. Centralized
      1. CVS
      2. Subversion
   3. Distributed
      1. Git
      2. Mercurial
4. Comparing the different VCSs
5. Git and GitHub in Detail
   1. Installing Git and Git Bash
   2. Cloning repositories
   3. Branching, committing, updating, etc.
   4. Using GitHub
6. Conclusion
   1. Reinforce why we need VC (Card 22)
      1. Track code revisions
      2. Show history
      3. Support multiple users on same code at once
      4. Support branching
      5. Support merging of branches
      6. Reveal conflicts and allow to fix them
      7. Support going back in history