

Case Study Rubric

Due: TBD

Submission Format: upload pdf and link to the github repo to Canvas

Goal: This study is an opportunity to showcase your technical and conceptual skills in unified project. This study presented in this document will show you a real hands-on scenario similar to the one of the project you may have done in the past.

At this point in the semester, you have accumulated all your skills necessary to complete the following project. You will now have the opportunity to showcase those skills and deliver a complete project.

- Written PDF
- GitHub Repo

Below are the expectation that are needed to successfully complete the project.

Formatting	<ul style="list-style-type: none">• Topic – The topic of your CS3 assignment is one of your projects from this course.<ul style="list-style-type: none">• Select one project from this course FROM YOUR GROUP.• It may be any of your three projects.• Once you have an idea for how to package it as a case study you may discuss it with the instructor (they usually help you develop it a bit and lock in)• Repository – A GitHub repo (and cloud storage folder if necessary) containing all materials<ul style="list-style-type: none">• Submit a link to the repo• Everything is contained in the repo or linked to it if appropriate.• Contents<ul style="list-style-type: none">• Hook document• Rubric• Various Materials (data, code, articles, etc.)• Elements from the MI3 rubric as appropriate• Use pdf format when possible

	<ul style="list-style-type: none"> • For code and data products use the appropriate format for whatever it is • Hard copy - The idea is that someone could pick it up and understand the case study. <ul style="list-style-type: none"> • Use a Manilla folder • One page hook document (pdf) paperclipped to left front • Rubric behind the hook document • Print out two sources and attach them to the right. <ul style="list-style-type: none"> • A blog post or similar explainer – more depth than the hook but still something that inspires/gives confidence • An article or similar – you have lots of freedom to select something that helps explain a component of the case study • Hook Document – 1 page pdf • Rubric – A rubric in this style and describing the deliverable you want the 2nd year to produce (about 2 pages in pdf format) • Materials – Files as appropriate
Hook Document	<ul style="list-style-type: none"> • <u>Goal</u>: This pdf should make a 2nd year UVA student excited to engage with your case study. • Create a scenario and place the student in the ‘driver’s seat’ • Make clear the topic/context/motivation • Indicate what deliverable the student is to produce but withhold details, those come in the rubric. This is a high level mission document not a specifications document. • One page maximum • PDF format
Rubric	<ul style="list-style-type: none"> • <u>Goal</u>: Explain the purpose, task, and criteria. This is where the details live to answer questions for the student. • Use this document’s format. There is no need to reinvent the wheel. • The goal is about 2 pages.
Materials	<ul style="list-style-type: none"> • <u>Goal</u>: Include materials necessary for a student to engage with the case study. • This will vary wildly from case study to case study. • Include a blog post or other type of explainer that helps motivate and start the project • Include more technical articles / documentation as appropriate • Data, code, etc. – so that they can perform the work • Place ALL materials in the repo as possible and in a cloud repository if too large for github.