Outline Grading Scheme:

My marking approach will be to evaluate the 4 criteria below and to assign a grade that reflects the average those criteria. Please remember that these are just guidelines, and marking will not simply be a box ticking exercise (please note the weights that have been applied to each criteria).

	Technologies	Design Considerations	Solution Quality	Report & Video
Wgt (%)	20%	30%	30%	20%
A	Use of additional distributed technology not covered in course.	Problem benefits from distribution + Fault Tolerance / Scaling is integral to the solution	Excellent solution that follows best practice in technologies used.	Excellent reflection on pros- and cons- of approach / excellent video submitted.
B	On or more of REST or JMS or Actors used in project	Problem benefits from distribution. + Fault Tolerance / Scaling is considered in the solution.	Good Solution to Problem and effective use of technology.	Well written report / video submitted
C	Use of Web Services in project.	Problem benefits from distribution	Bare bones solution.	Adequately written report / video submitted
D	Use of RMI in project.	Distributed but not necessary for this problem.	You made something that works	A Video and Report was submitted.
E	No distribution technology used.	Not a distributed system	Code does not work	No Video / Report Submitted.

NOTE:

- *Simply using an additional technology is not enough to get the A grade – you need to apply it to an appropriate problem, demonstrate its correct use in solving that problem **and** submit an excellent report.*
- *You can use **more than one** additional technology if you want to!*
- *Effective use of OpenAPI/Swagger does not qualify for an A grade, but will help to boost your Solution Quality grade (by one grade increment: A->A+).*
- *Use of Microservices Design Patterns (this should be highlighted in the report) can boost your Design Considerations grade.*

Examples of technologies that have been mentioned, but qualify for A grade:

- gRPC
- Websockets
- GraphQL
- Netflix Eureka (for RESTful service discovery)
- Any other distribution technology you want to use (Apache Zookeeper, Spark, …)
- I will also consider the use of alternate data storage techniques, such as NoSQL databases, Key-Value stores, … so long as they have been used in a distributed context.