DevOps

Jack Hess, Mason Johnson, Archana Satyamurthy, Kay Seidel, Nick Stegelman, Jacob Wild

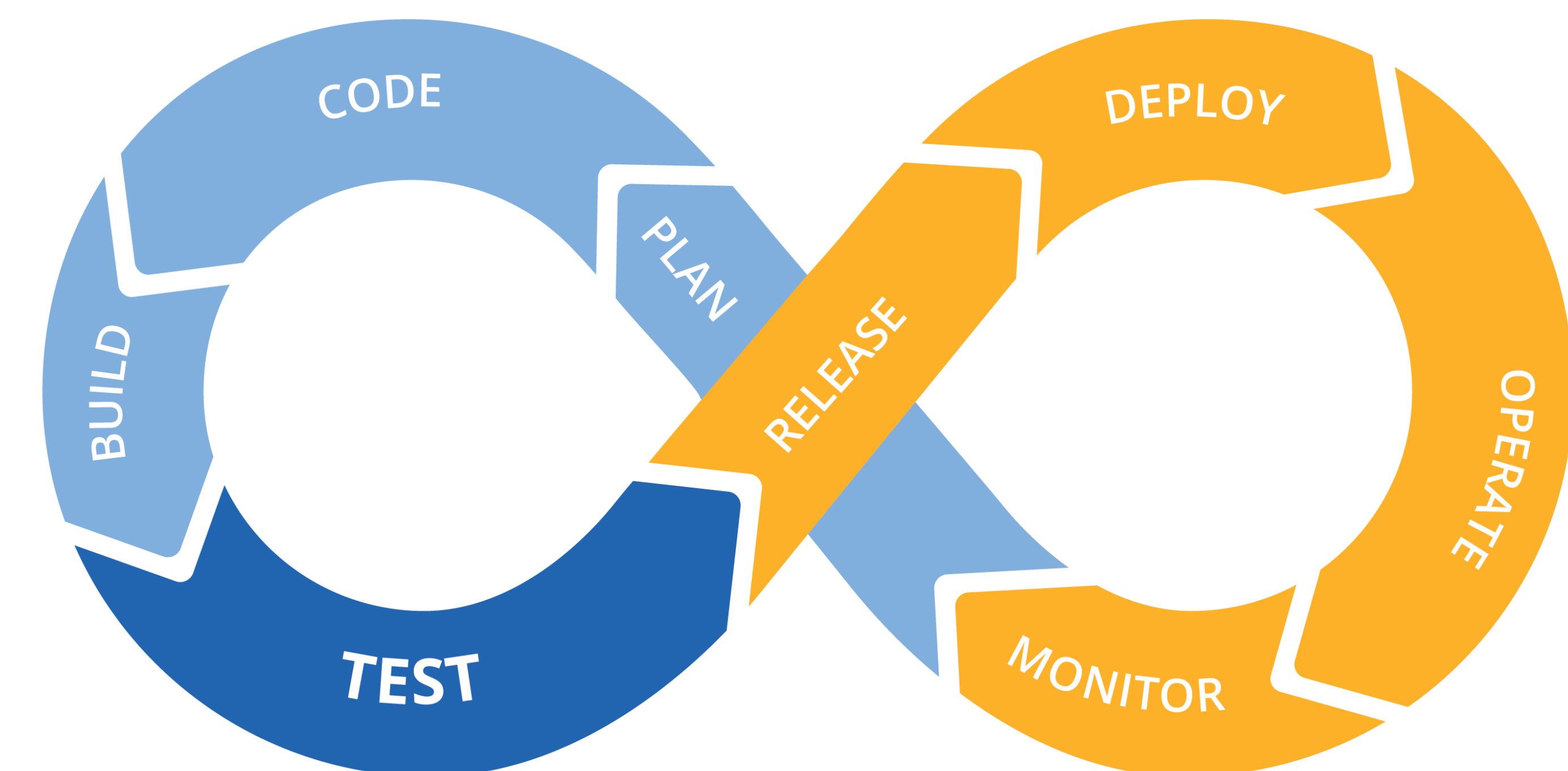jhess9@uwyo.edu, mjohn107@uwyo.edu , asatyamu@uwyo.edu, kseidel1@uwyo.edu, nstegelm@uwyo.edu, jwild1@uwyo.edu

Licensing

- Researching licenses information
- Ensuring we are following license requirements

- MIT
- GNU Public License
- Python
- Oracle
- Flask
- SQLAlchemy

Motivation and Abstract

- Research and assistance with system integration.
- Documentation for teams.
  - Licensing
- Security inspection and research
  - Known issues with libraries
- Software deployment
- Acquiring computing resources for the teams
- Streamlining
  - Assisting in any other way that helped the teams get from inception to deployment
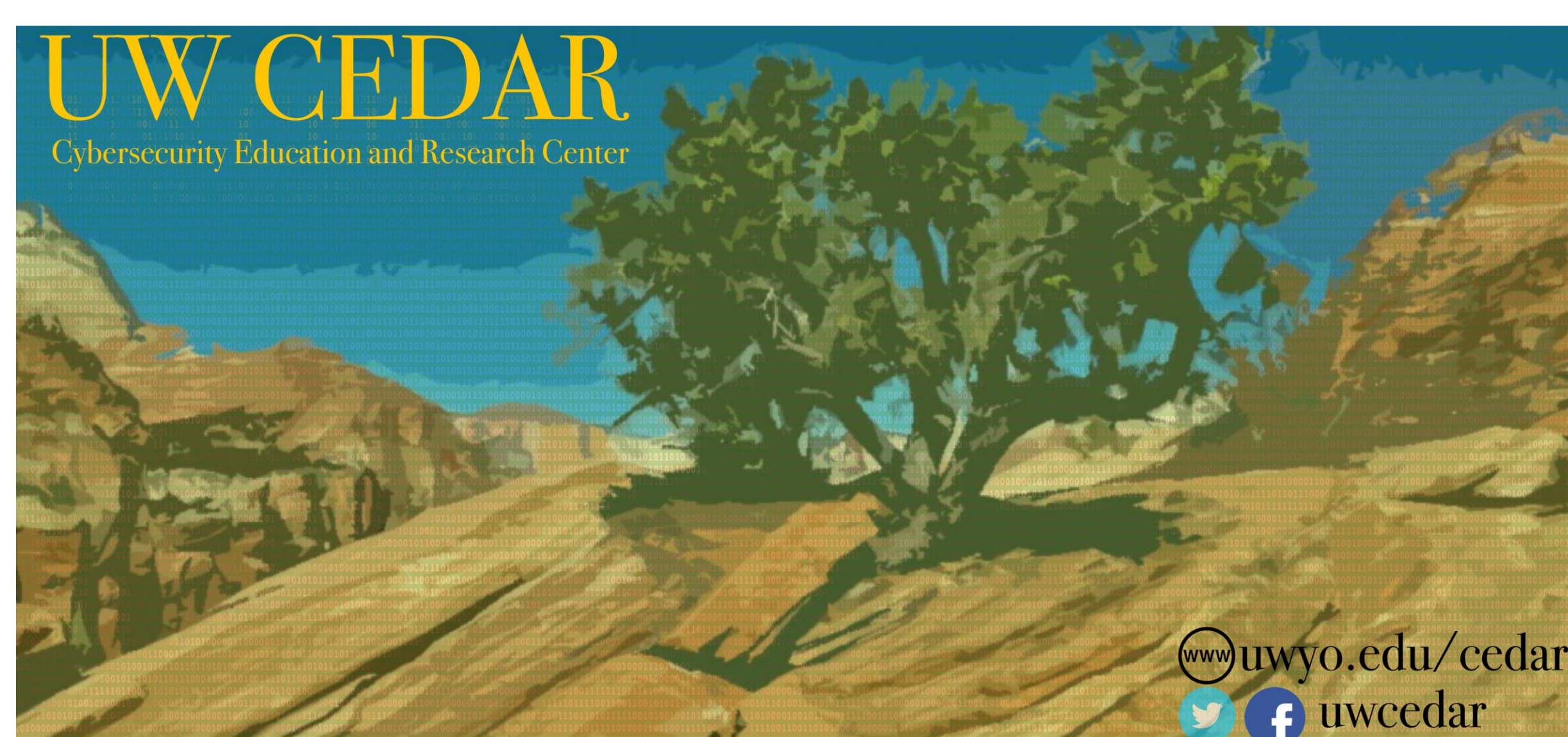
Limitations and Challenges

- Receiving information to move forward in our projects
- Understanding the requested information we are supplying to the groups
- Understanding each groups project
- The size of the overall project vs. amount of people working on it

Deliverables

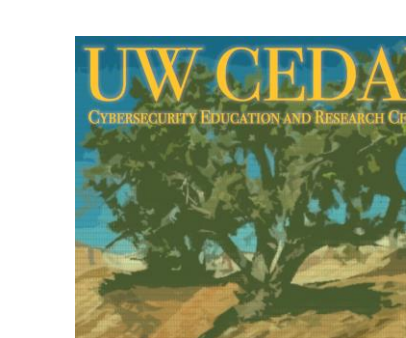- Licensing
- Repos Accessibility
- User Manual(s)
- The product
- Future Work: what we could enhance
- Time, materials/resources, money spent
  - Pizza
  - AWS

- Markdown File
  - Overall Objectives
  - Description of how we chose teams
  - The purpose of each team
- Time Sheets
  - Invested time and effort
- Technical documentation
  - Code Base, build and run the system (Chapter 1 of user manual)

DevOps Life Cycle

Infrastructure

- AWS
- Hardware

Conclusions and Future Work

- DevOps Requirement for large groups
- Ensure unification of documentation

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