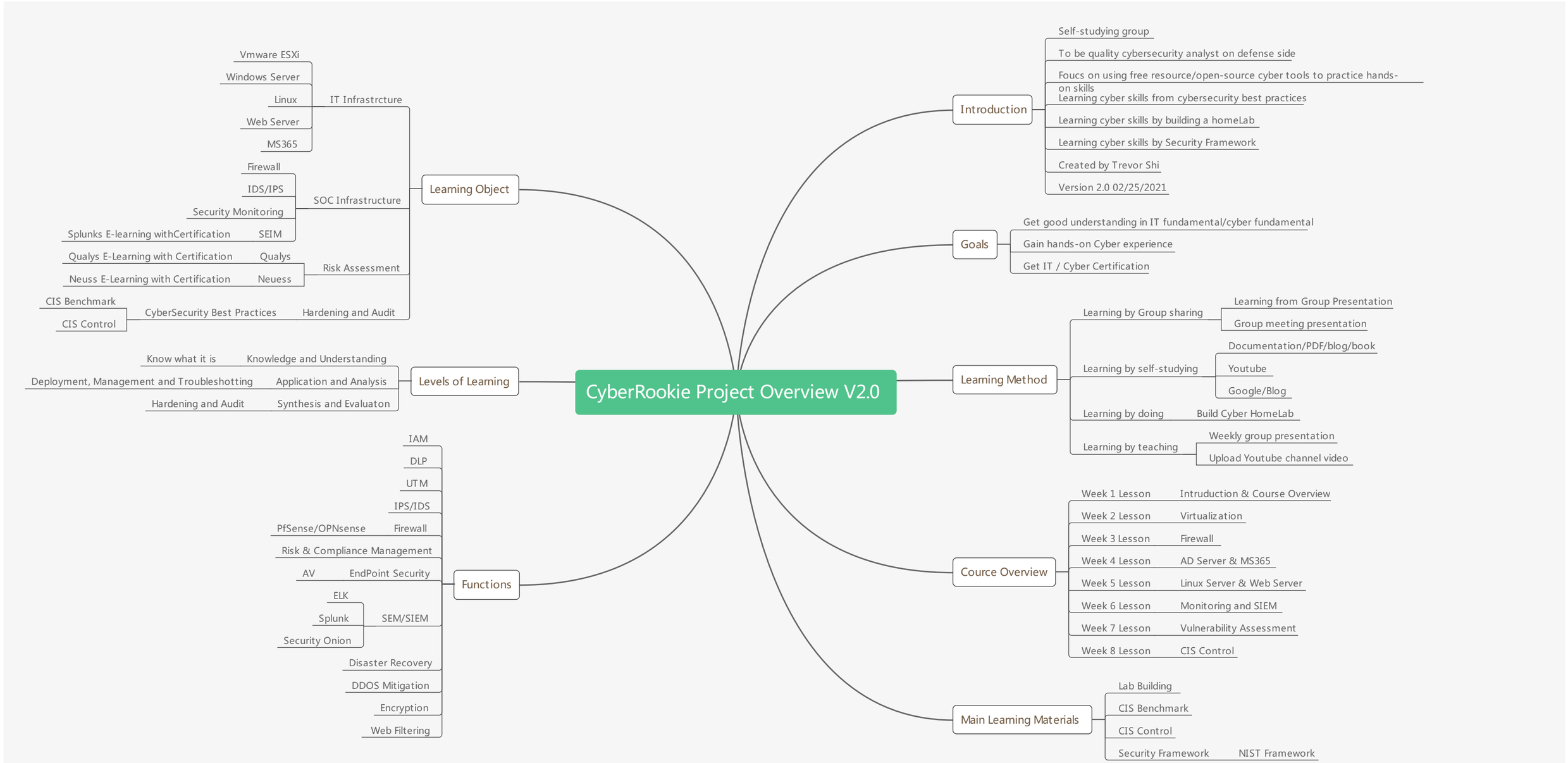
CyberRookie Project Overview V2.0
Introduction
Self-studying group
To be quality cybersecurity analyst on defense side
Foucs on using free resource/open-source cyber tools to practice hands-on skills
Learning cyber skills from cybersecurity best practices
Learning cyber skills by building a homeLab
Learning cyber skills by Security Framework
Created by Trevor Shi
Version 2.0 02/25/2021
Goals
Get good understanding in IT fundamental/cyber fundamental
Gain hands-on Cyber experience
Get IT / Cyber Certification
Learning Method
Learning by Group sharing
Learning from Group Presentation
Group meeting presentation
Learning by self-studying
Documentation/PDF/blog/book
Youtube
Google/Blog
Learning by doing
Build Cyber HomeLab
Learning by teaching
Weekly group presentation
Upload Youtube channel video
Cource Overview
Week 1 Lesson
Intruduction & Course Overview
Week 2 Lesson
Virtualization
Week 3 Lesson
Firewall
Week 4 Lesson
AD Server & MS365
Week 5 Lesson
Linux Server & Web Server
Week 6 Lesson
Monitoring and SIEM
Week 7 Lesson
Vulnerability Assessment
Week 8 Lesson
CIS Control
Main Learning Materials
Lab Building
CIS Benchmark
CIS Control
Security Framework
NIST Framework
Learning Object
IT Infrastrcture
Vmware ESXi
Windows Server
Linux
Web Server
MS365
SOC Infrastructure
Firewall
IDS/IPS
Security Monitoring
SEIM
Splunks E-learning withCertification
Risk Assessment
Qualys
Qualys E-Learning with Certification
Neuess
Neuss E-Learning with Certification
Hardening and Audit
CyberSecurity Best Practices
CIS Benchmark
CIS Control
Levels of Learning
Knowledge and Understanding
Know what it is
Application and Analysis
Deployment, Management and Troubleshotting
Synthesis and Evaluaton
Hardening and Audit
Functions
IAM
DLP
UTM
IPS/IDS
Firewall
PfSense/OPNsense
Risk & Compliance Management
EndPoint Security
AV
SEM/SIEM
ELK
Splunk
Security Onion
Disaster Recovery
DDOS Mitigation
Encryption
Web Filtering