

Smart Voting

Product & Sprint Backlog

Version 1.0

2021 October 10

REVISION HISTORY

| Revision | Date | Author | Summary of Changes |
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| | | | |

DOCUMENT APPROVAL LIST

| Version | Approved By | Signature | Date |
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DOCUMENT DISTRIBUTION LIST

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Sprint One - GitHub Issue Creation

- Create all project issues

Sprint Two - Database Development

PostgreSQL Tables

- Voter access keys
- Voter details
- Voter security information

Amazon DynamoDB Documents

- Security audit logs

Amazon Quantum Ledger Database

- Ballots cast ledger
- User voting history ledger

Sprint Three - Front End & Back End Development

Front End

- Responsive design
- Easy to use layout

Back End

- C# MVC with Bootstrap or C# RESTful API with React

Sprint Four - Unit Testing

- Prioritize stability and security testing

Sprint Five - Bug Fixes

- Prioritize stability and security bugs
- Secondary bugs to include UI/UX
- Tertiary bugs to include other issues

Sprint Six - User Acceptance Testing

- UI/UX layout testing
- General beta testing

Sprint Seven - Deployment to Amazon Web Services

- Configure EC2 with load balancer
- Configure SSL certificates
- Configure S3 buckets and Simple Email Service
- Configure Shield for DDOS protection
- Configure Route 53 DNS records
- Assign appropriate security policies