System Analysis and Design Project Assignment

- PROJECT NAME: Vote Tech
- PHASE: Requirements Gathering
- DATE: 03/04/2024
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Table of Contents

1. Project Plan	
1.1 DESCRIPTION/PURPOSE OF PROJECT:	
1.2 SCOPE OF PROJECT:	
2. Project Description	2
2.1 PROJECT STAKEHOLDER SCENARIOS	
2.2 CONSTRAINTS & RESTRICTIONS	2
2.3 ASSUMPTIONS & DEPENDENCIES	3
3. Project Requirements	3
3.1 USER REQUIREMENTS	3
3.2 FUNCTIONAL REQUIREMENTS	3
3.3 SYSTEM REQUIREMENTS & SOFTWARE INTERFACES	3
3.4 USER INTERFACE REQUIREMENTS	4
3.5 WORKFLOW AND ACTIVITIES	4
3.6 CHANGE MANAGEMENT	4
3.7 RISK MANAGEMENT	4
4. Gathered Information	5

1. Project Plan

1.1 DESCRIPTION/PURPOSE OF PROJECT:

- Implement a digital voter Registration system to enhance the voting process.
- Increase efficiency, accuracy, and accessibility in the voter registration process.
- Enhance security measures to ensure the integrity of the voting system.

1.2 SCOPE OF PROJECT:

- Develop a user friendly digital voter registration platform accessible using website and mobile devices.
- Implement high security measures to prevent fraud and ensure the confidentiality of voter details.
- Conduct through testing and validation to verify the reliability and accuracy of the digital voting system.

2. Project Description

2.1 PROJECT STAKEHOLDER SCENARIOS

- Provide a convenient and accessible voter registration method for citizens.
- Ensure the integrity and security of the voting process.

2.2 CONSTRAINTS & RESTRICTIONS

CONSTRAINT	ISSUE/SOLUTION
Limited budget	Explore cost effective solutions and prioritize
	essential features.
Legal regulations	Ensure compliance with electoral laws and
	regulations.

2.3 ASSUMPTIONS & DEPENDENCIES

- Assumption: Citizens have access to internet connected devices for voting.
- Assumption: Required security measures can be implemented to protect against cyber threats.
- Dependency: Availability of technical expertise for system development and implementation.

3. Project Requirements

3.1 USER REQUIREMENTS

- Users should be able to easily register as new applicants for the election commission if they are above 18 years old and reside at a particular house address.
- Registered users should be able to access and fill out an application form for elections.
- Users should be able to add or remove citizens from a particular house address.
- Admins (Grama Niladari) should be able to easily register as admins to validate and maintain records of registered users.

3.2 FUNCTIONAL REQUIREMENTS

- The site should have separate forms for new applicants, existing registrants, and adding/removing citizens from a house address.
- The site should have validation checks to ensure accurate and complete form submissions.
- The site should securely store and manage user data and form submissions.

3.3 SYSTEM REQUIREMENTS & SOFTWARE INTERFACES

- The site should have a database system to store user data and form submissions.
- The site should have security measures in place to protect user data and prevent unauthorized access.
- The site should be compatible with major web browsers and operating systems.

3.4 USER INTERFACE REQUIREMENTS

- The site should have a clean and intuitive design that guides users through the application process.
- The forms should be easy to fill out with clear instructions and prompts.
- The site should have a responsive design that adapts to different screen sizes and devices.

3.5 WORKFLOW AND ACTIVITIES

- Develop voter registration platform prototype based on user requirements
- Conduct user testing and feedback sessions to refine the system.
- Implement security measures and conduct thorough testing before deployment.

3.6 CHANGE MANAGEMENT

- Establish a clear process for handling updates and modifications to the voting system.
- Communicate changes to stakeholders and provide training as needed.

3.7 RISK MANAGEMENT

- Identify potential security threats and vulnerabilities.
- Implement safeguards and contingency plans to mitigate risks.
- Regularly monitor and update security measures to address emerging threats.

4. Gathered Information

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Image 4.1

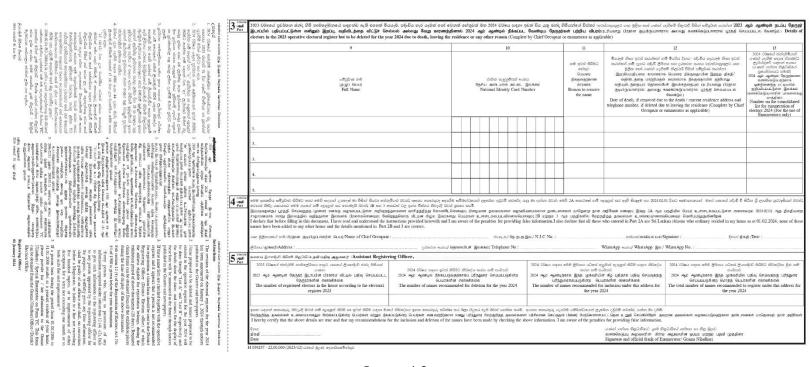


Image 4.2

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	பிறப்புச் சான்றிதழி Full Name as shown on National Identity (පත (ජාතික හැඳුනුම්පත ලබාගෙන නොමැතිනම් උද ආකාරයට සම්පූර්ණ නම) ඛ්‍රීජුත්ර ගුඟුර්මයාඒ (ම්.පූජ්ස නුණාදයාගේ නුද්කාද ශ් ලුණුර්ධද්ධය්දිශිණ ශ්‍රිලේඛයාජ්‍ර Card (If the National Identity Card has not b s shown on the birth certificate)	பெற்றுக்கொண்டிராவிட்டால் இ	හතික හැඳුනුම්පත් අංකය හා උපත් දිනය සුණිය அடையாள அட்டை இலக்கம் மற்றும் பிறந்த நிகதி al Identity Card number and date of	Condor	ປົວນາລ/ ຊປົວນນລ ລວ ໝໍາພາສເກາສາແກ້/ ໝໍາພາສເກາສາສຸລກ້ Civil Status			
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rart	ගෘහමුලිකගේ ජාතික හැඳුනුම්පත් අංකය		ගෘහ මුලික	යාට ඇති නෑදෑකම					
	பிரதான குடியிருப்பாளரின் தேசிய அ.அ.இ.	i	பிரதான கு	பிரதான குடியிருப்பாளருடனான உறவுமுறை :-					
National Identity Card Number of the Chief Occupant වේසින් පසුපිට සඳහන් විස්තර කියවා පත්රුම්ගන් බවත්, ඉහත 02 කොටසෙහි සඳහන් කර ඇති කරුණු මාගේ විශ්වාසයේ සහ දැනීමේ හැටියට සතා හා නිවැරදි බවත්, මෙම ඉල්ලුම්කරු මාගේ බාහයේ සාමානය පදීංචිය දරන තැහැත්තෙකු බවත් මෙයින් ශුඛ්ඩාධ්යවාධ්ලින්න ත්වැරදි බවත්, මෙම ඉල්ලුම්කරු මාගේ නාහයේ සාමානය පදීංචිය දරන තැහැත්තෙකු බවත් මෙයින් ශුඛ්ඩාධ්යවාධ්ලින්න ත්වැරදි බවත්, මෙම ඉල්ලුම්කරු මාගේ නාහයේ සාමානය පදීංචිය දරන තැහැත්තෙකු බවත් මෙයින් ශුඛ්ඩාධ්යවාධ්ලින්න ත්වැරදි බවත්, මෙම ඉල්ලුම්කරු මාගේ නාහයේ සාමානය පදීංචිය දරන තැහැත්තෙකු බවත් මෙයින් ශූඛ්ඩාධ්යවාධ්ලින්න ත්වැරදි බවත්, මෙම ඉල්ලුම්කරු මාගේ සාමානය පදීංචිය දරන තැහැත්තෙකු බවත් මෙයින් ශූඛ්ඩාධ්යවාධ්ලින්න ත්වැරදි බවත්, මෙම ඉල්ලුම්කරු මාගේ සාමානය පදීංචිය දරන තැහැත්තෙකු බවත් මෙයින් ශූඛ්ඩාධ්යවාධ්ලින්න සංඛ්යා සහ සාමානය සම්බන්ධ සාමානය සහ									
	දිනය ගෘහ මූලික		දුරකථන අංකය	WI	atsApp අංකය				
	திகதி :பிரதான கு	டியிருப்பாளர் கையொப்பம் :	தொலைபேசி இலக்கம்	Wi	atsApp இல. :				
	Date Signature of	Chief Occupant	Telephone No.	Wi	atsApp No.				
කොටස 04 ⊔ළ∯ Part	සහකාර ලියාපදිංචි කිරීමේ නිලධාරී, உதුவி பුළිබු ඉහත සඳහන් කර ඇති තොරතුරු ජාතික හැඳුනුම් සර්කුණුර්ධ්රාධ්ය උනේක්රනෙක් අවුණ්ඩ அගෙයාණ ආණ්. I have verified the accuracy of the above details by cl) පත/ උප්පැන්න සහතිකය ඇතුළු ලියවිලි මා විසිද - / ப්றப்புச் சான்றிதழ் உட்பட்ட ஆவனாங்கள் என்னால் பரீட்	சிக்கப்பட்டு சரியானவையென உறுதிப்படுத்தி	க் கொள்ளப்பட்டதுடன் குறைநிரப்பு தேருநர் இடா	ப்பில் உட்சேர்ப்பதற்கு பரிந்துரை செ	சய்கின்றேன்/ செய்யவில்லை.			
	දිනය	ගුාම නිලධාරි/ විශේෂ ගණන් ගන්නා නිලධාරිගේ			නිල මුදුාව				
	திகதி :	கிராம அலுவலர்/ விசேட கணக்கெடுப்பு அலு			பதவி முத்திரை :				
	Date	Signature of Grama Niladhari/ Special Enumerator	r		Official Stamp				

Image 4.3