Requirements :

Priority 1 : Get E-INK Display to display the names being shared in the mesh network if completed I will increase to from $120 to $260

Priority 2: Create Mesh Network for ESP-12e to communicate / transmit names between the badges that are [Normal Badges] and [Special Badges}

Definitions :

Screen   
Waveshare 2.9 E-INK Display

Normal Badges (40)

The ESP-12E will have 10 Names, these names will scroll across the screen and will listen for the transmission of 1 of 4 messages once all 4 messages are received then the badge will display the string “ 34CH-0N3-734CH-M4NY “ on the screen and in the serial monitor.

Special Badges (4)

1.The ESP-12E Will only have 2 names and transmit not acquire. The name will display a random one from the list but it should broadcast/transmit {BIC\_FOUNDED\_2018}

2.The ESP-12E Will only have 2 names and transmit not acquire. The name will display a random one from the list but it should broadcast/transmit {7h3\_f0und3r\_h45\_4n\_3v1l\_7w1n}

3.The ESP-12E Will only have 2 names and transmit not acquire. The name will display a random one from the list but it should broadcast/transmit {MK48}

4.The ESP-12E Will only have 2 names and transmit not acquire. The name will display a random one from the list but it should broadcast/transmit {y0ur\_f4v0r173\_4cc3550ry\_1s\_Socks!}

NAMES to Choose from :

Winston Smith

Ronald Greene

Andrew Brown

Ma’Khia Bryant

Daunte Wright

Jacob Blake

Priscilla Slatter

Elijah McClain

Dominique Fells

Jamel Floyd

David McAtee

Justin Howell

Tony McDade

Regis Korchinski-Paquet

George Floyd

Yassin Mohamed

Finan A. Berhe

Sean Reed

Joel Acevedo

Michael Ramos

Steven Taylor

Daniel Prude

Breonna Taylor

Manuel Ellis

Ahmaud Arbery

Darius Tarver

Alvin Cole

William Green

Kwam Jones

Jamee Johnson

Michael Dean

Ariane McCree

Christopher Whitefield

Atatiana Koquice Jefferson

Derishia Blackwell

Devon Bailey

Eric Logan

Ty’Rese West

Brandon Webber

JaQuavion Slaton

Ryan Twyman

Miles Hall

Crystal Ragland

Pamela Turner

Nina Adams

Latohsa Walton

Brittany McLean

Willie McCoy

Jimmy Atchinson

D’ettrick Griffon

Angel Decarlo

April Webster

Tameka Simpson

Emantic Bradford

Jemel Roberson

Charles Roundtree

LaJuana Philips

Chinedu Okobi

DeAndre Ballard

Botham Jean

O’Shae Terry

Cynthia Fields

Antwon Rose

Robert White

LaShanda Anderson

Shukri Said

Stephon Clark

DeCynthia Clements

Adam Trammell

Saheed Vassel

Crystalline Barnes

Geraldine Townsend

Aaron Bailey

Charleena Lyles

TheFetusOf CharleenaLyles

Terry Williams

Jordan Edwards

Chad Robertson

Deborah Danner

Alfred Olango

Terrence Crutcher

Tyree King

Terrence Sterling

Sylville Smith

Jamarion Robinson

Korryn Gains

Joseph Curtis Mann

Jay Anderson

Philando Castile

Alton Sterling

Delrawn Small

Samuel Mallard

Keith Childress

Bettie Jones

Quintonio LeGreir

Kevin Mathews

Michael Noel

Leroy Browning

Roy Lee Nelson

Miguel Espinal

Mario Woods

Tiara Thomas

Cornelius Brown

Jamar O’Neal Clark

Richard Perkins

Michael Marshall

Nathanial Pickett

Alonzo Smith

Anthony Ashford

Dominic Hutchinson

Lamontez Jones

Corey Jones

Rayshaun Cole

Paterson Brown

Christopher Kimble

Junior Prosper

Jeremy McDole

Kieth McLeod

Wayne Wheeler

India Kager

Lavante Biggs

Felix Kumi

Asshams Manley

Christian Taylor

Brian Day

Michael Sabbie

Samuel DuBose

BillyRay Davis

Johnathan Sanders

Albert Joseph Davis

Darrius Stewart

Sandra Bland

Salvado Ellswood

Joseph Mann

Victor Larosa

Spencer McCain

Zamiel Crawford

Jermaine Benjamin

Kevin Higgenbotham

Kris Jackson

Ross Anthony

Richard Davis

Curtis Jordan

Markus Clark

Lorenzo Hayes

De’Angelo Stallworth

Dajaun Graham

Reginald Moore

Nuwah Laroche

Jason Champion

Bryan Overstreet

Brendon Glenn

Alexia Christian

David Felix

Terry Chatman

William Chapman

Samuel Harnell

Norman Cooper

Freddie Gray

Frank Shepard

Walter Scott

Donald Ivy

Eric Harris

Phillip White

Mya Hall

Jason Moland

Meagan Hockaday

Bobby Gross

Terrance Moxley

Anthony Hill

Tony Robinson

Bernard Moore

Naeschylus Carter-Vinzant

Tony Robinson

Charly Keunan

Janisha Fonville

Natasha Mckenna

Frank Smart

Kevin Davis

Jerame C. Reid

Rumain Brisbon

Tamir Rice

Akai Gurley

Tanisha Anderson

Laquan McDonald

Kajieme Powell

Michelle Cusseaux

Dante Parker

Ezell Ford

Michael Brown

John Crawford

Eric Garner

Dontre Hamilton

Victor White

Gabriella Nevarez

Yvette Smith

McKenzie Cochran

Jordan Baker

Gregory Hill

Andy Lopez

Miriam Carey

Barrington Williams

Johnathan Ferrell

Carlos Alcis

Larry Jackson

Kyam Livingston

Terrance Franklin

Clinton Allen

Kimani Gray

Kayla Moore

Jamaal Moore

Shelly Frey

Darnisha Harris

Malissa Williams

Timothy Russell

Noel Palanco

Reynaldo Cuevas

Chavis Carter

Alesia Thomas

Shantel Davis

Sharmel Edwards

Tamon Robinson

Ervin Jefferson

Kendrec McDade

Rekia Boyd

Shereese Francis

Jersey Green

Wendell Allen

Nehemiah Dillard

Dante Price

Raymond Allen

Trayvon Martin

Johnnie Warren

Manual Loggins

Ramarley Graham

Anthony Smith

Kenneth Chamberlain

Alonzo Ashley

Derek Williams

Raheim Brown

Reginald Doucet

Derrick Jones

Danroy Henry

Tony Bean

Aiyana Stanley-Jones

Steven Washington

Aaron Campbell

Kiwane Carrington

Victor Steen

Shem Walker

Oscar Grant

Tarika Wilson

DeAunta Farrow

Sean Bell

Kathryn Johnston

James Brissette

Jose Homles

Leanord Bartholomew

Lesha Bartholemew

Ronald Madison

Susan Bartholemew

Henry Glover

Timothy Stansbury

Ousmane Zongo

Alberta Spruill

Justin Fields

Kendra James

Orlando Barlow

Nizah Morris

Larry Jenkins

Timothy Thomas

Ronald Beasley

Earl Murray

Prince Jones

Patrick Dorismond

Malcolm Ferguson

LaTanya Haggerty

Margaret Mitchell

Amadou Diallo

Tyisha Miller

Abner Louima

Dannette Daniels

Frankie Perkins

Nicholas Heyward

Sonji Taylor

Malice Green

Mary Mitchell

Rodney King

Yvonne Smallwood

Eleanor Bumpurs

Michael Stewart

Eula Love

Arthur Miller

Randolph Evans

Barry Evans

Rita Loyd

Henry Dumas