

HOME SECURITY 101

WHAT DO I DO – HOW DO I DO IT

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MORE IMPORTANTLY

WHAT DO I NEED

HOME SECURITY

START WITH SMALL THINGS

LIKE



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YOUR HOME'S ELECTRICAL PANEL



DO YOU HAVE A LOCK ON YOURS?

THE “EASIEST” WAY TO COMPROMISE A HOME SECURITY SYSTEM IS TO
TURN OFF THE POWER TO THE BUILDING

NO POWER = NO INTERNET = NO NOTIFICATIONS TO YOU = NO SECURITY

EVERYONE'S HOME SECURITY NEEDS ARE DIFFERENT



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VIDEO SECURITY

I WANT TO SEE WHAT'S GOING ON AT:

MY FRONT/BACK DOOR

IN MY HOUSE



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ACTIVITY (MOTION) SECURITY

I WANT TO KNOW WHEN SOMEONE IS AT:

MY FRONT/BACK DOOR

IN MY HOUSE



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PORTAL SECURITY

I WANT TO KNOW WHEN SOMETHING OPENED AT:

MY FRONT/BACK DOOR

A WINDOW/MY GARAGE DOOR

ADVANCED HOME SECURITY MAY BE REFERRED TO AS A “SMART HOME”



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WIRELESS DOOR LOCK

THE ABILITY TO

- USE MULTIPLE ACCESS CODES TO UNLOCK
- MONITOR, LOCK OR UNLOCK VIA SMART PHONE



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WIRELESS THERMOSTAT

THE ABILITY TO

- CONFIGURE THE SETTINGS (PROGRAM IT)
- MONITOR OR CHANGE VIA SMART PHONE



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WIRED/WIRELESS GARAGE DOOR

THE ABILITY TO

- USE A REMOTE TO OPEN/CLOSE THE DOOR
- MONITOR OR OPEN/CLOSE VIA SMART PHONE

HOME SECURITY & A SMART HOME

PART 1 – HOME SECURITY

- **DETERMINE WHAT YOU NEED**
- **DETERMINE WHAT YOUR BUDGET IS**
- **HOW MUCH ACTIVITY CAN YOUR ROUTER HANDLE**
- **KEEP IT SIMPLE - OR- MAKE IT COMPLEX**
- **UNDERSTAND YOUR DECISION**
- **RESEARCH WHAT'S AVAILABLE FOR YOU**
- **PROCEED – YOURSELF OR HIRE**

PART 2 – A SMART HOME

- **DETERMINE WHAT YOU WANT**
- **SET A BUDGET TO SUPPORT WHAT YOU WANT**
- **HOW MUCH ACTIVITY CAN YOUR ROUTER HANDLE**
- **KEEP TO SIMPLIFIED -OR- MAKE IT COMPLEX**
- **UNDERSTAND YOUR DECISION**
- **RESEARCH WHAT DEVICES WORK TOGETHER**
- **PROCEED – YOURSELF OR HIRE**

PART 1 – HOME SECURITY: MY NEEDS

IF MORE THAN ONE LOCATION - ASK YOURSELF WHY (UNDERSTAND) – WHAT DOES 2 OR MORE GIVE ME THAT ONE CANNOT – IS THIS A NEED OR A WANT – AM I PREPARED TO KEEP IT SIMPLE OR MAKE IT COMPLEX

- **CAMERA: LOCATION(S)**
- **DOOR SENSOR: LOCATION(S)**
- **WINDOW SENSOR: LOCATION(S)**
- **WATER TANK LEAK SENSOR:**
- **MOTION SENSOR: LOCATION(S)**
- **WALL PLUG: LOCATION(S)**
- **LIGHT SWITCH: LOCATIONS(S)**

PART 1 – HOME SECURITY: MY BUDGET

DETERMINE HOW MUCH YOU ARE COMFORTABLE SPENDING

- **YOUR BUDGET WILL HAVE AN EFFECT ON YOUR DESIGN**
- **YOUR BUDGET WILL HAVE AN IMPACT ON THE DEVICES THAT YOU CAN AFFORD**
- **YOUR BUDGET (MAY) HAVE AN IMPACT ON THE FUNCTIONALITY OF THE DEVICES YOU SELECT**

PART 1 – HOME SECURITY: RESEARCH

DETERMINE WHAT FUNCTIONALITY YOU WOULD LIKE YOUR DEVICE TO HAVE

- **NOTIFICATION WHILE YOU ARE INSIDE YOUR HOME -AND/OR- NOTIFICATION WHILE YOU ARE AWAY FROM YOUR HOME**
- **MANAGE YOUR DEVICE REMOTELY?**
- **CAMERA: CUSTOMIZE A NOTIFICATION AREA? SEE LIVE VIDEO? SEE PAST VIDEO (RECORD)?**

UNDERSTAND HOW MUCH ACTIVITY YOUR ROUTER CAN HANDLE (DEVICES AND SPEED)

- **HOW MANY DEVICES DO YOU ALREADY HAVE (WIRELESS: PRINTERS, TV'S, COMPUTERS, ETC)** **“LOAD”**
- **HOW MUCH CONNECTION SPEED YOU HAVE** **“SPEED DOWN/UP”**

PART 1 – HOME SECURITY: PROCEED

DESIGN BASED ON YOUR NEED / WANT, BUDGET, RESEARCH

- **DRAW YOUR HOME**
- **ITEMIZE YOUR DEVICE LIST**
- **SELECT YOUR DEVICE LOCATION(S)**
- **RESEARCH MANUFACTURERS: ASK FRIENDS/FAMILY, PRODUCT REVIEWS (GOOGLE SEARCH – “WYZE CAMERA REVIEWS”), CHECK PRICES - DEVICE COSTS , ONGOING COSTS,**

PART 1 – HOME SECURITY: UNDERSTAND WIFI

My Network



router



Internet

- Download speed (how quickly can you pull data down)
- Upload speed (how quickly can you push data out)
- Sample: 15/2 (15mb download - 2mb upload)
- Sample: 50/10

Look at your provider bill

Confirm by downloading an Internet Speed Test App – “Speedtest by Ookla”

Router Capability

- How many devices can my router efficiently handle

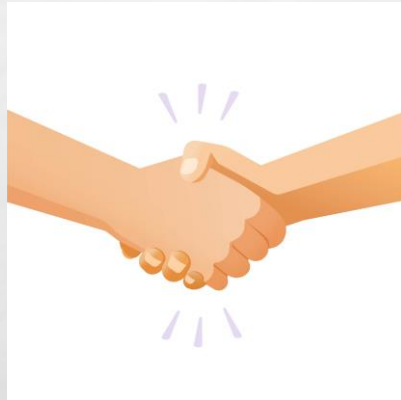
Router Speed

- How fast can my router move data (wifi vs cable)
- Sample: wifi – 54mb, 300mb, ethernet cable - 100mb , 1000 mb (1gb)

Look for your router model on the Internet

PART 1 – HOME SECURITY: UNDERSTAND WIFI

Handshaking



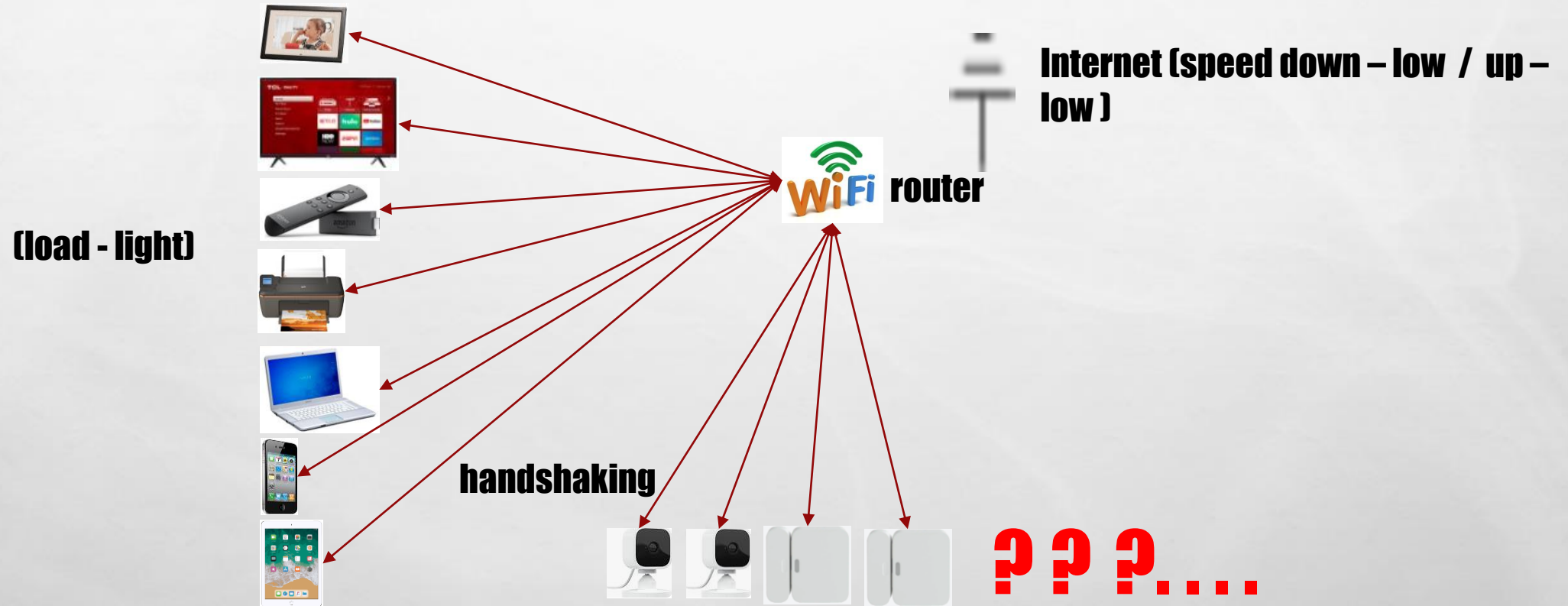
**Hi – how are you
Pleased to meet you**



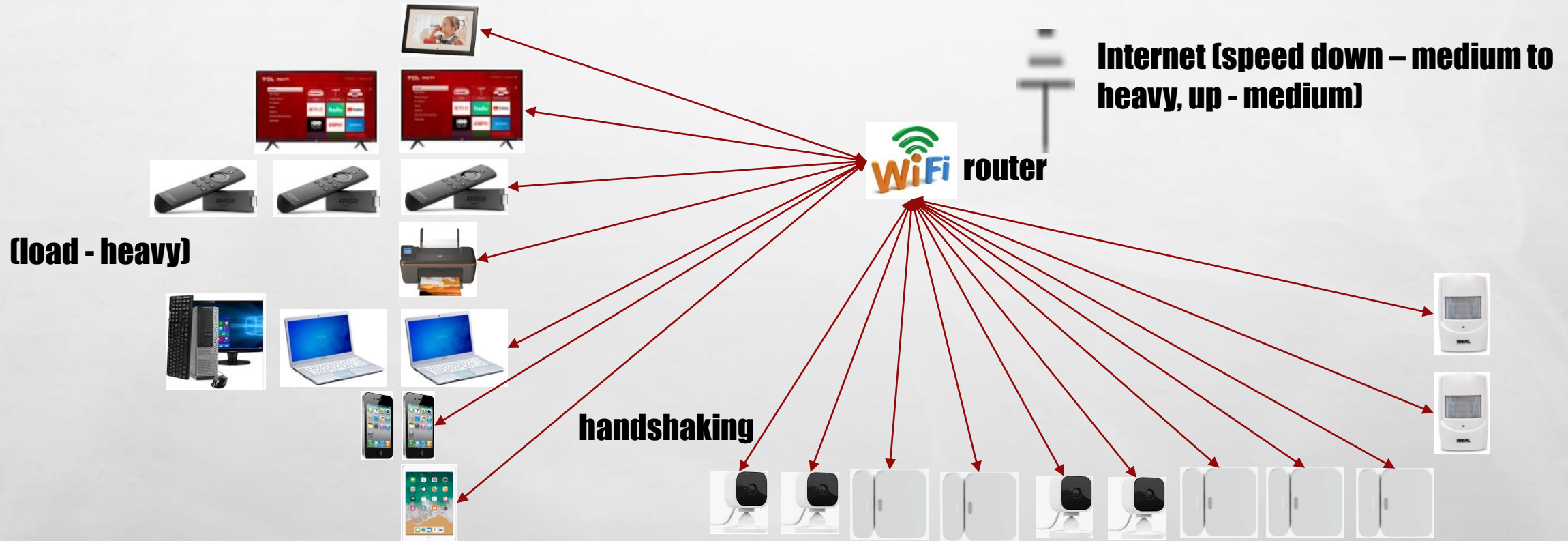
router

Hello, are you there? <---> Yes I am

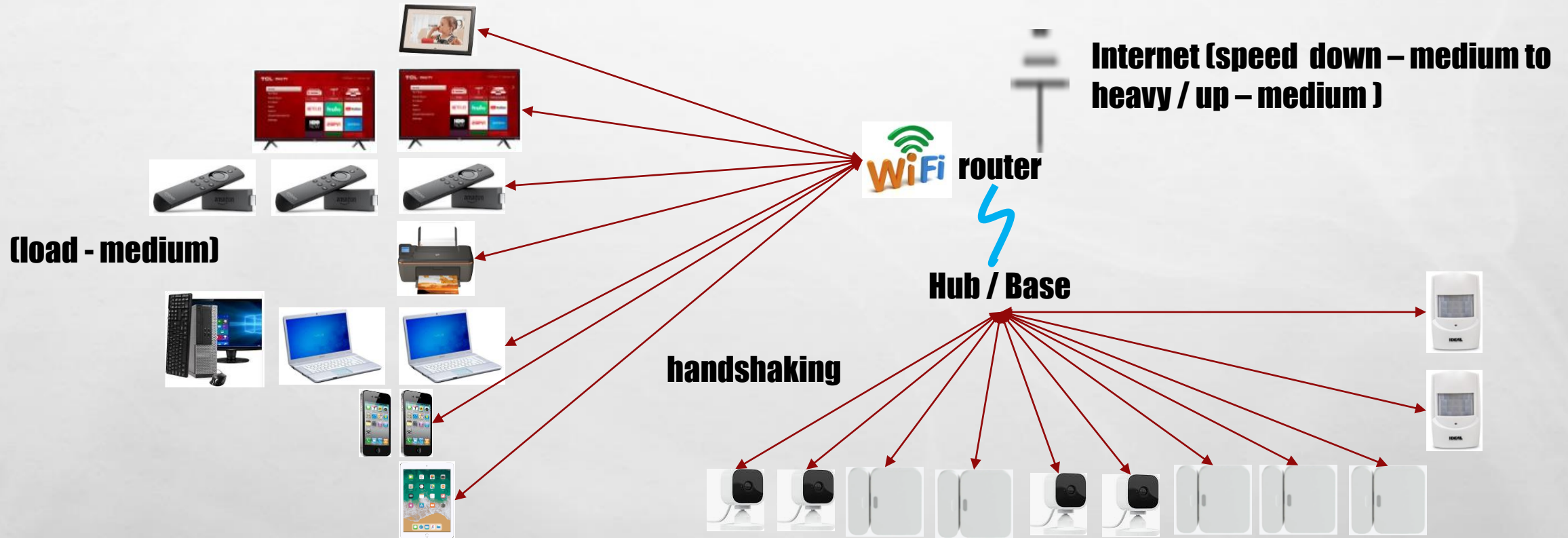
PART 1 - HOME SECURITY: SIMPLE



PART 1 - HOME SECURITY: COMPLEX



PART 1 - HOME SECURITY: COMPLEX



MANUFACTURERS



Others

MANUFACTURERS

	Camera SD Card Y / N	Camera Cloud Y / N	Hub Y / N	Camera # and \$\$	Doorbell # and \$\$	Motion Sensor # and \$\$	Door Sensor # and \$\$	Wall Plug # and \$\$	Android iPhone	Mthly Fee \$\$\$	Reviews
Nest											
Blink											
Wyze											
Ring											
Simpli Safe											

PART 1 – HOME SECURITY: DESIGN



Use Page 11 & 18
Draw your house
Place your devices

PART 1 – HOME SECURITY: DESIGN



Use Page 11 & 18
Draw your house
Place your devices

NOTES & QUESTIONS

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