

PORTRAIT PIGEON

An Interactive Photo Messaging Wall for Seniors

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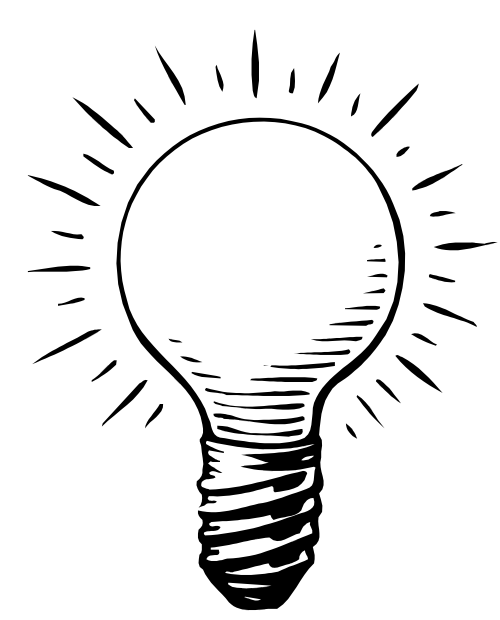
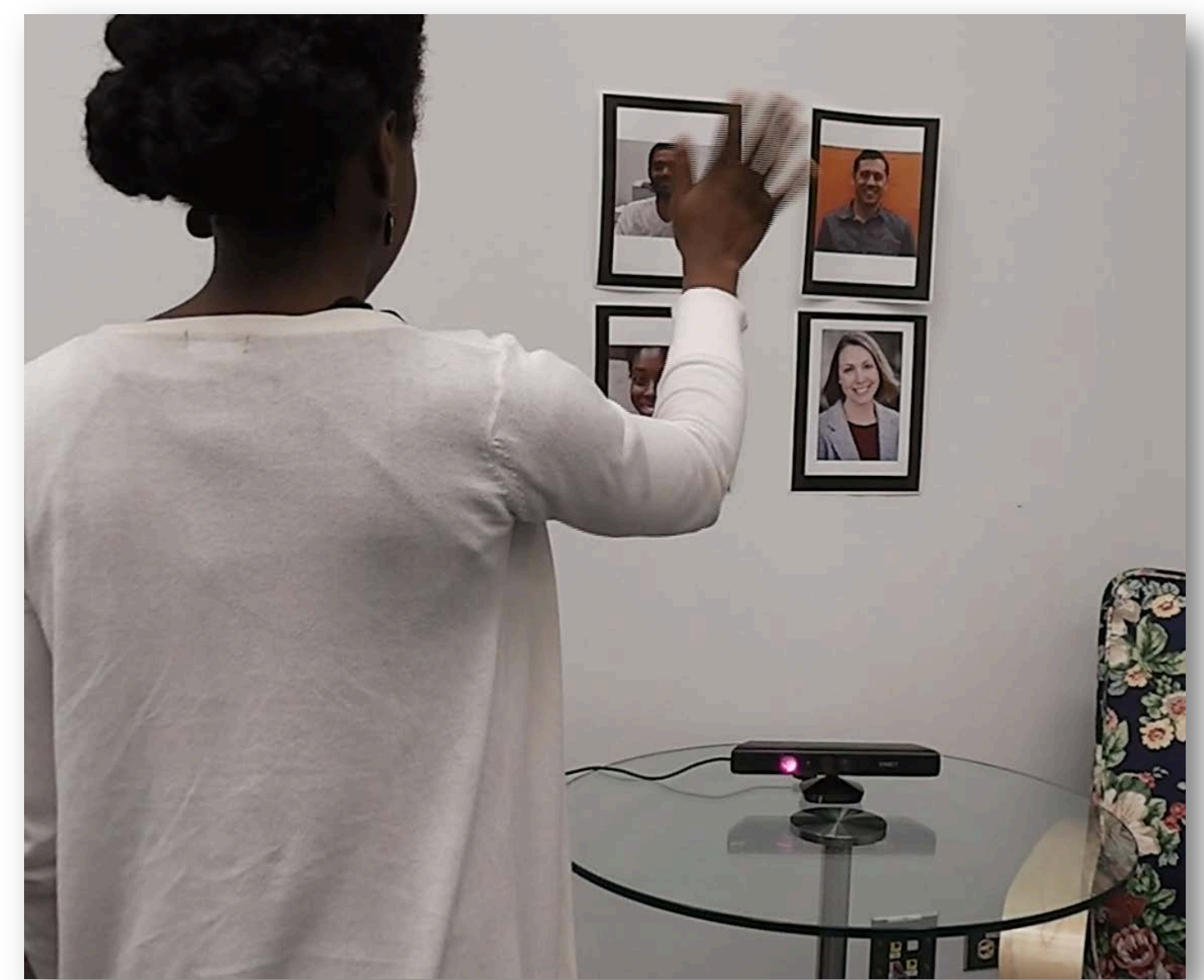
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Variety of disabilities makes **ACCESSING COMPUTERS**

**DIFFICULT** for some seniors

Prior research highlights their values of **KEEPING IN**

**TOUCH** and storing non-digital **PHOTOS**



**PORTRAIT PIGEON!**

A messaging platform embedding online communication into non-digital photos



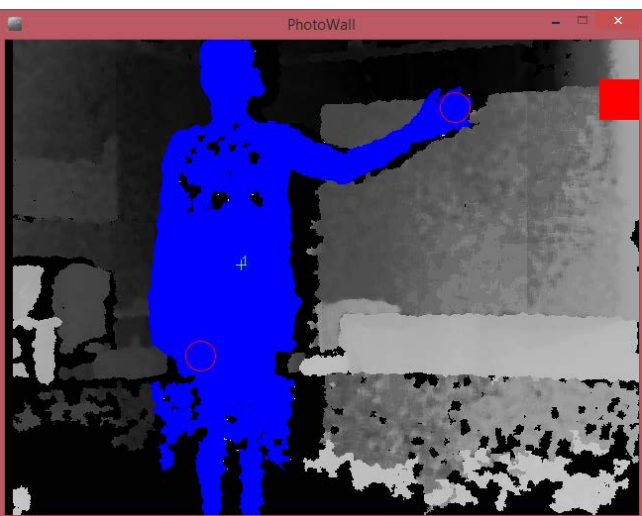
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SimpleOpenNI

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lightweight

communication

platform

Due to its popularity with seniors, supports **E-MAIL** messages

Supports posts to **SOCIAL MEDIA** (e.g. Twitter, Facebook)

Extensible to **VOICE** input and **RECIPROCAL** communication

flexible

gesture

framework

**RELATIVE TARGET RECOGNITION**, based on user's torso

Wide **RANGE** of physical and cognitive disabilities

Positioning can be **CUSTOMIZED** to best fit ability of the user

feedback

mechanisms

**AUDIO** feedback or hearing-impaired

Extensible to multimodal **VISUAL FEEDBACK** to signal message sent

Visual **FEEDBACK TO GUIDE USER** to better positioning

**Current Application**

private photo walls



**Future Applications**

community bulletin boards

staff photo walls

art exhibits

resident mailboxes