

DCOR 3

PADRE iPad App

Discovery Findings

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Audience Analysis

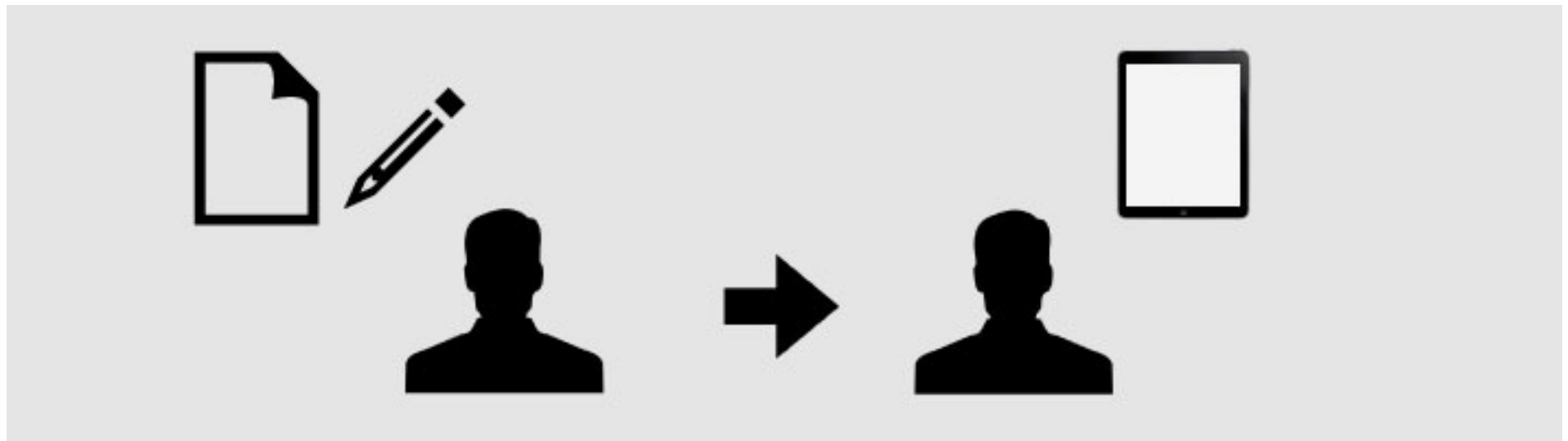
Customer Mindset

Current Mindset

- Less desire to enter information
- Harder to track information
- If not done, threatens funding
- Frustrating

Desired Mindset

- Easier to track information
- Easier to oversee that evaluations are being done
- No risk of losing funding
- Fast
- Easy

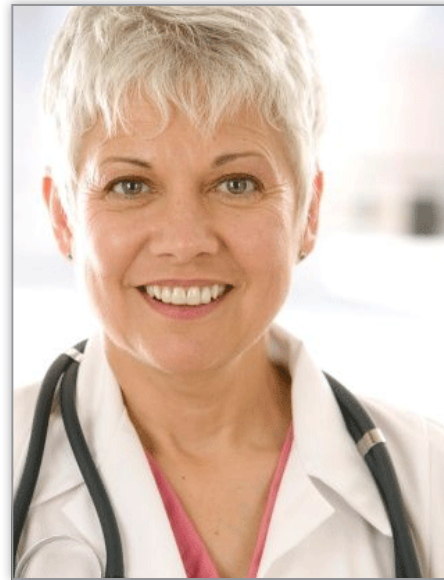


Types of Users



Residents

- Use the system to record scripts
- Answer questions related to videos
- Answer questions related to images/photographs



Attendings

- Use the system to view the scripts and answers recorded by residents
- Track the students participation in recording their evaluations



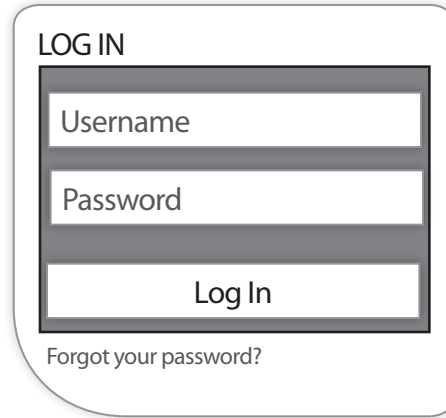
Admin

- Can view all residents and attendings
- Can update all users and their profile information
- Can enter in the correct rotations for the residents

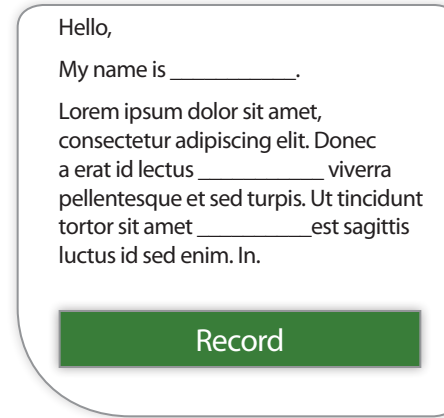
Resident Flow



1. Resident opens P.A.D.R.E. app on iPad



2. Resident logs in



3. Resident is taken to the script with CTA to begin recording
Resident pushes record

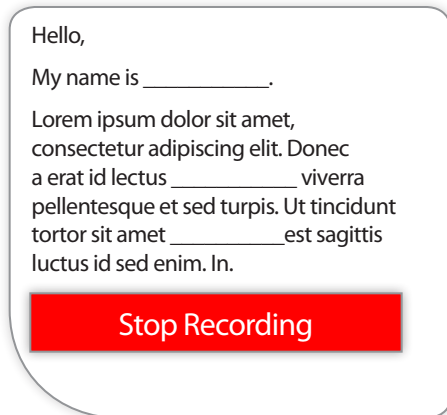


4. Resident recites the script and adds necessary details noted in the text

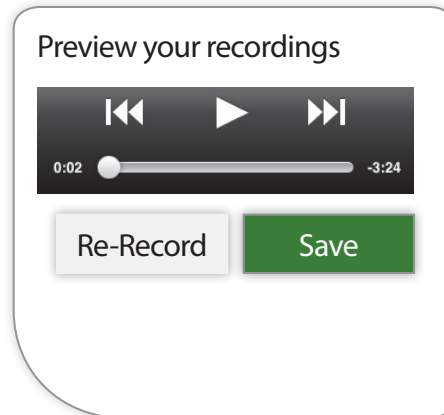
Assumptions

- Resident was alerted by the P.A.D.R.E. app that an evaluation is due

Resident Flow

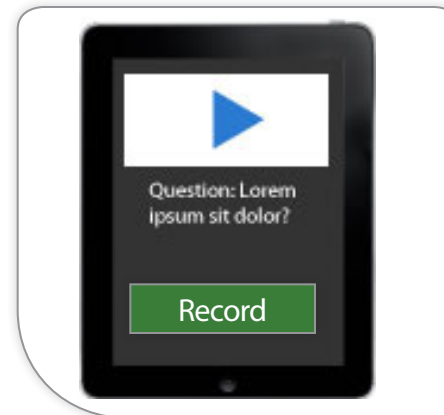


5. Resident finishes reading the script and selects the "Stop Recording" button



6. Resident can:

- Review the recording
- Go back and re-record
- Save

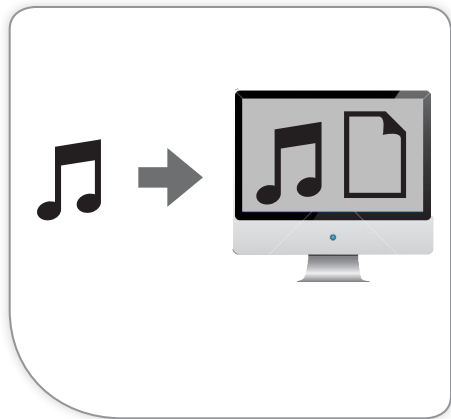


7. During the final stage of the rotation, the resident is taken to the question and answer section where they are shown a video and or images/photographs and asked (up to) 3 multiple choice questions
Resident records their answers in the same fashion as they recorded the script

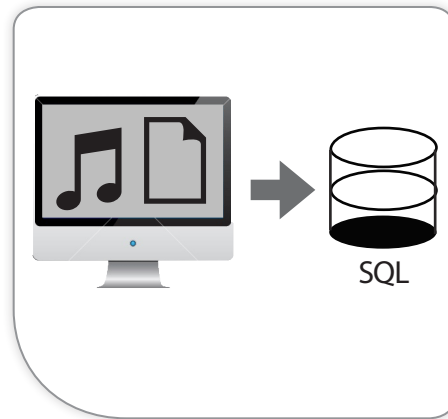


8. After completing all video Q and A (if it was included), the user (may) be shown up to 3 multiple images/ photographs that follow the same convention
Resident records their answers in the same fashion as they recorded the script

Attending and Admin Flow



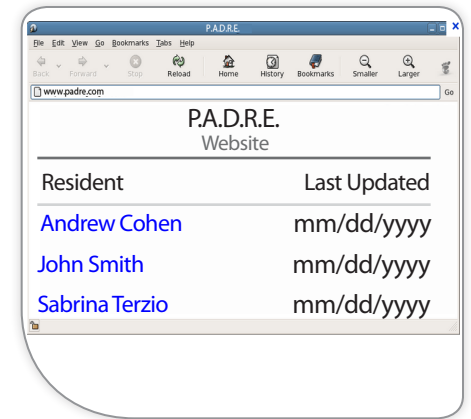
9. Audio file is transmitted to voice recognition software on P.A.D.R.E. server



10. Original recording and transcript saved to database



11. Attending or Admin logs in to P.A.D.R.E.'s Admin website

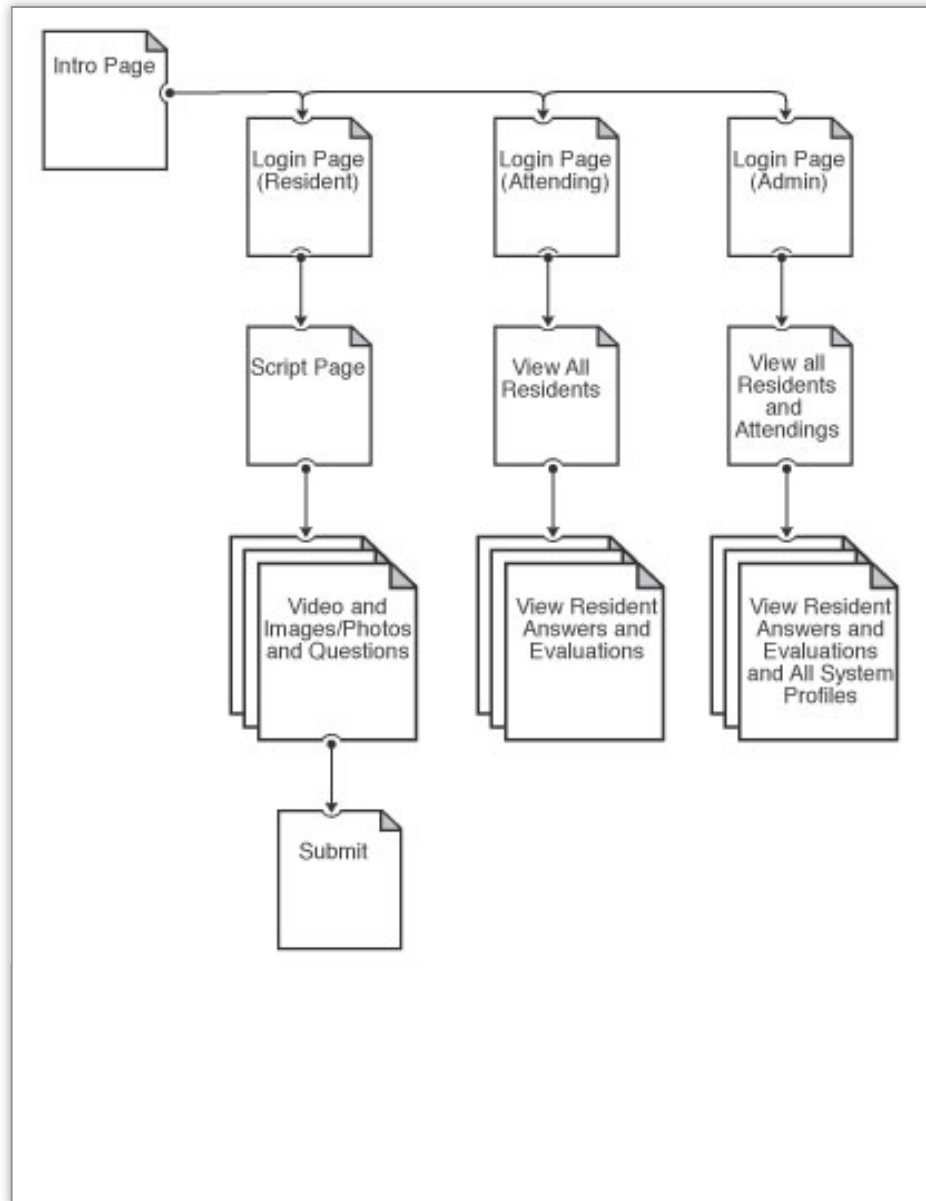


12. Website shows list all of the attending's residents in Attending view

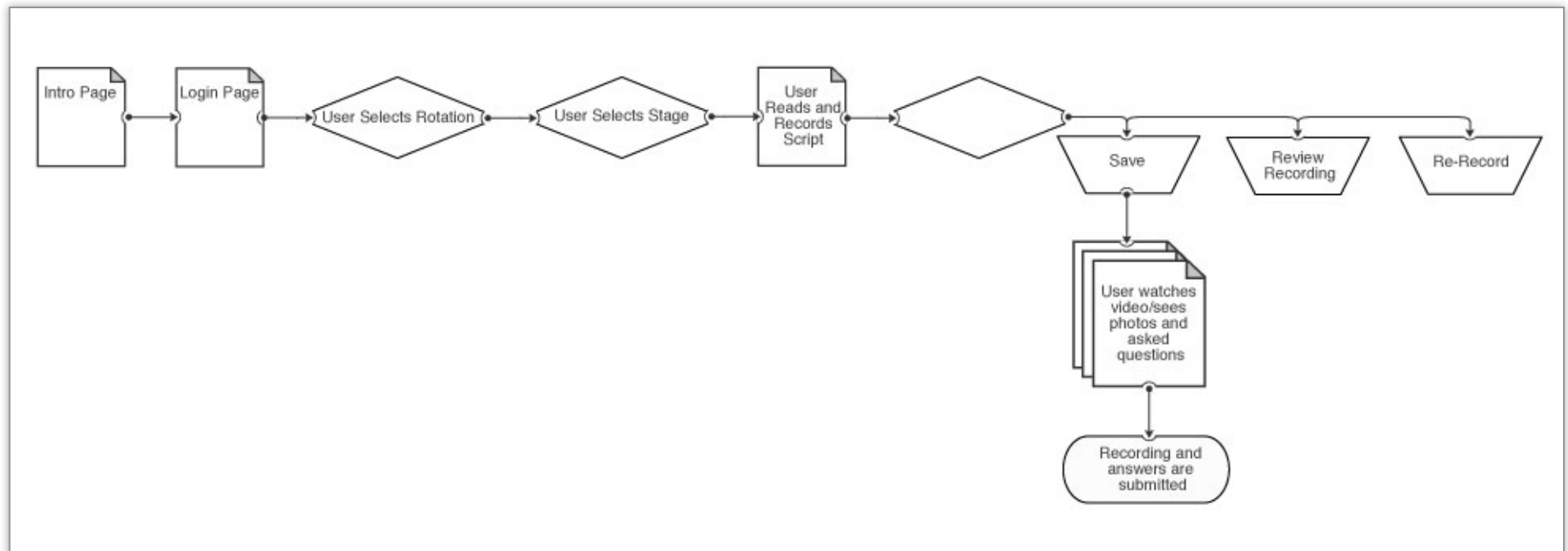
Website shows list of all of the attending and residents in Admin view

Attending can click on a resident to view details

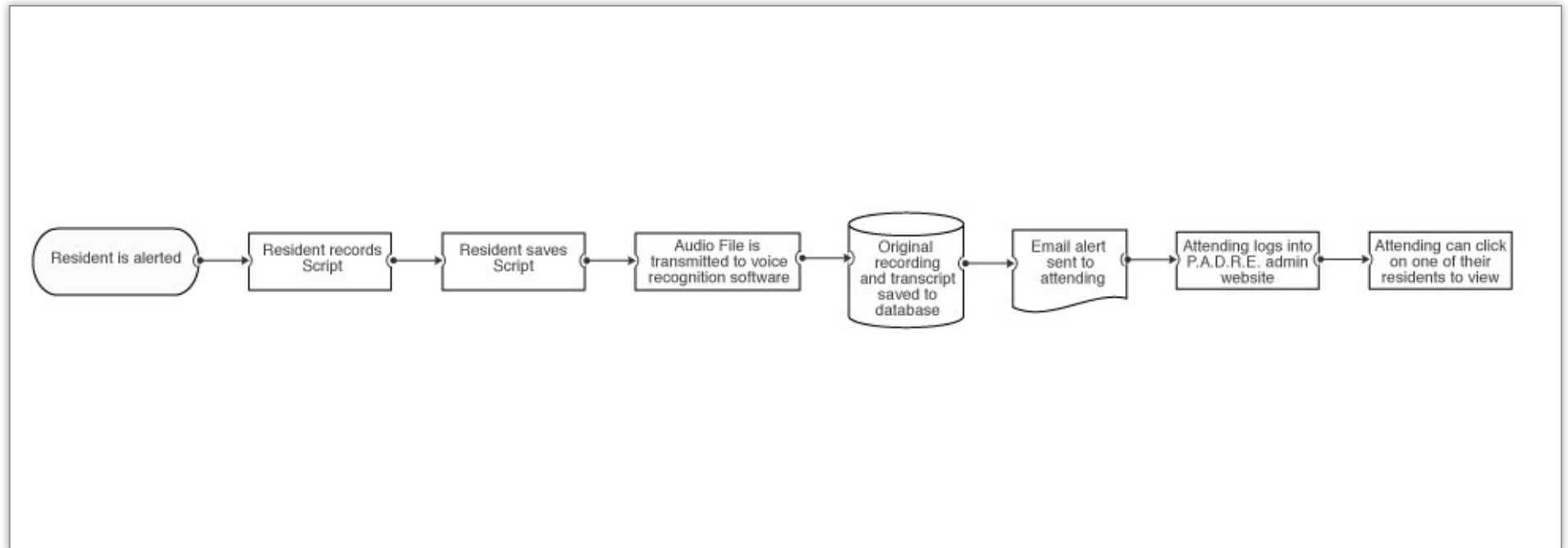
Site Map



iPad Application Resident Flow



iPad Application System Flow



Business Goals

Product Goals

- Increase efficiency in documenting resident evaluations
- Provide ability to customize software
- Ability to work with all iPads
- Computer will know what program the resident is in
- Improve system providing notes on what the resident is learning

Use Cases

Residents

- Alerted to submit evaluation
- Log into system
- Select rotation
- Select stage of rotation
- Record evaluation
- Hear recording
- Save Evaluation
- Re-record evaluation
- Watch video
- Answer questions to video
- See photographs and images
- Answer questions about photos and images
- Submit answers
- Submit evaluation

Attendings

- Log into system
- Search through residents
- Listen to residents' evaluations
- Review residents' answers
- Alert if resident has not submitted evaluation

Admin

- Log into system
- Update residents' rotations
- Update residents' and attendings' profile information
- View all residents' and attendings' information
- Change scripts
- Change questions
- Change videos
- Change images and photographs
- Alerted if resident has not submitted an evaluation

Success Indicators

- Improved document resident evaluation tracking methods
- Improved understanding of rotation expectations for residents
- Decreased risks in losing public funding
- Large volume of product sales