



PROJECT:

CONFIDENCE BUILDING ASSISTANCE APP
USING C#, ASP .NET, HTML, CSS AND JAVASCRIPT

PURPOSE AND POTENTIAL USERS

- ❖ **PURPOSE:** create a desktop app to provide affirmation, relaxation and confidence boosting audio and visual resources.
- ❖ **AUDIENCE:** bootcamp students.
 - It is hard to learn. Creating new neuro connections to comprehend new knowledge, organizing and memorizing takes a great deal of effort and internal resources for humans;
 - It is even harder to level up in a bootcamp setting. New information is delivered fast and in a short period of time creating stressful situation in which individuals are more prone to questioning their capabilities.

USER EXPERIENCE:

❖ Baseline:

- Slowly changing art images and positive affirmations displayed on the screen accompanied by meditative music
- Predetermined theme(s) and duration for 1-3 options

❖ Features under consideration if time allows:

- Open form questionnaire/drop-down menus to allow choosing a theme, as well as duration
- Translation of affirmations into Yoda
- Additional themes to include humor and images/videos of animals

RESOURCES:

- ASP .NET, Visual Studio, bootstrap, Vue, Dapper, MySQL
- MUSIC options:
 - Spotify *API*
 - Shazam *API*
 - Any other recommended alternatives
- IMAGES:
 - Harvard Art Museum *API* (<https://the-api-collective.com/api/harvard-art-museums-api/>)
 - The Art World in Your App *API* (<https://the-api-collective.com/api/the-art-world-in-your-app-api/>)
 - TBD: *API* for images of nature
- AFFIRMATIONS: to be created as a database - list of positive affirmations, encouragement, inspirational
- *Extra features (if included):*
 - Yoda Translator: <https://funtranslations.com/api/yoda>
 - TextToImage *API*: <https://rapidapi.com/texttoimage-api-texttoimage-api-default/api/texttoimage/>

EXECUTION: TIME ESTIMATE 9+ DAYS

High Level List of Tasks:	Story Points:
Research and read documentation on APIs, set up keys	2
App architecture planning to include research	3
Create affirmation database, basic project file and add code to handle connections	6
Design UI and page layout (HTML, CSS)	5
Making it all come together in code (interfaces, classes, controllers, shuffling logic, etc.)	15
Testing, bug fixing, polishing	15
Projected TOTAL:	~46