

StoryDog Workflow

March 2020

User

- Assigned a personal, private phone number (manually via Twilio)
- Calls phone number, talks and tells a story
- Visits StoryDog web site
- Authenticates
- View list of stories
- View story
- Edit story text
- Delete story
- Add photos to story

Phone call processing

- Call is recorded via Twillio
- AWS API triggered to:
 - capture the voice recording
 - copy voice file to AWS S3
 - voice file converted to text

Details

- Each phone number (user) has several S3 buckets associated with the account:
 1. calls-record-bucket-dev
 2. record-images-bucket-dev
- Transcription details / records located in S3 bucket:
 1. transcribed-records-bucket-dev

AWS components:

- AWS API gateway
- AWS Lambda, code written in React
- AWS Cognito
- AWS S3
- AWS Cloudfront points to:
 - <https://calls-record-project-front.s3.us-east-2.amazonaws.com/index.html>

Twilio components

- Phone numbers
- Webhook