

Ames After Dark

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Project Overview

AMES AFTER DARK



The Problem

No single reliable place for nightlife info in Ames, students rely on scattered social posts & word-of-mouth.

Project Overview

AMES
AFTER
DARK

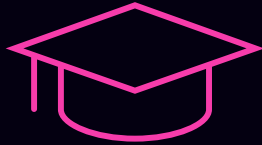


The Solution

A cross-platform mobile app where users can discover events, find bar specials, see where their friends are, and stay safe going out

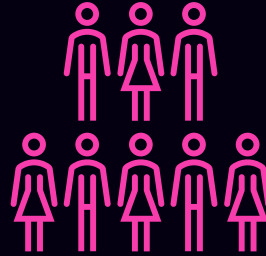
Our Users

College Students



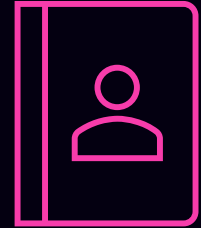
- Iowa State + Nearby Schools
- Quick Info/Updates
- Fun with Friends
- Safety

Ames residents



- Up-to-date bar/event info
- Exploring New Bars
- Easy Bookings

Bar owners



- Tools to post deals and events
- Reach more customers

Why Requirements Matter?

"A software system is only as good as the communication of the requirements that define it," -Karl Wiegers.

Requirements:

Communicate
between users and
developers

Provide clear targets
for the team

Define success
criteria for a
project

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Without Requirements

Scope Creep & Chaos

Requirements vs. Constraints



Requirement

Photo Gallery's will show photos from the past week



Constraint

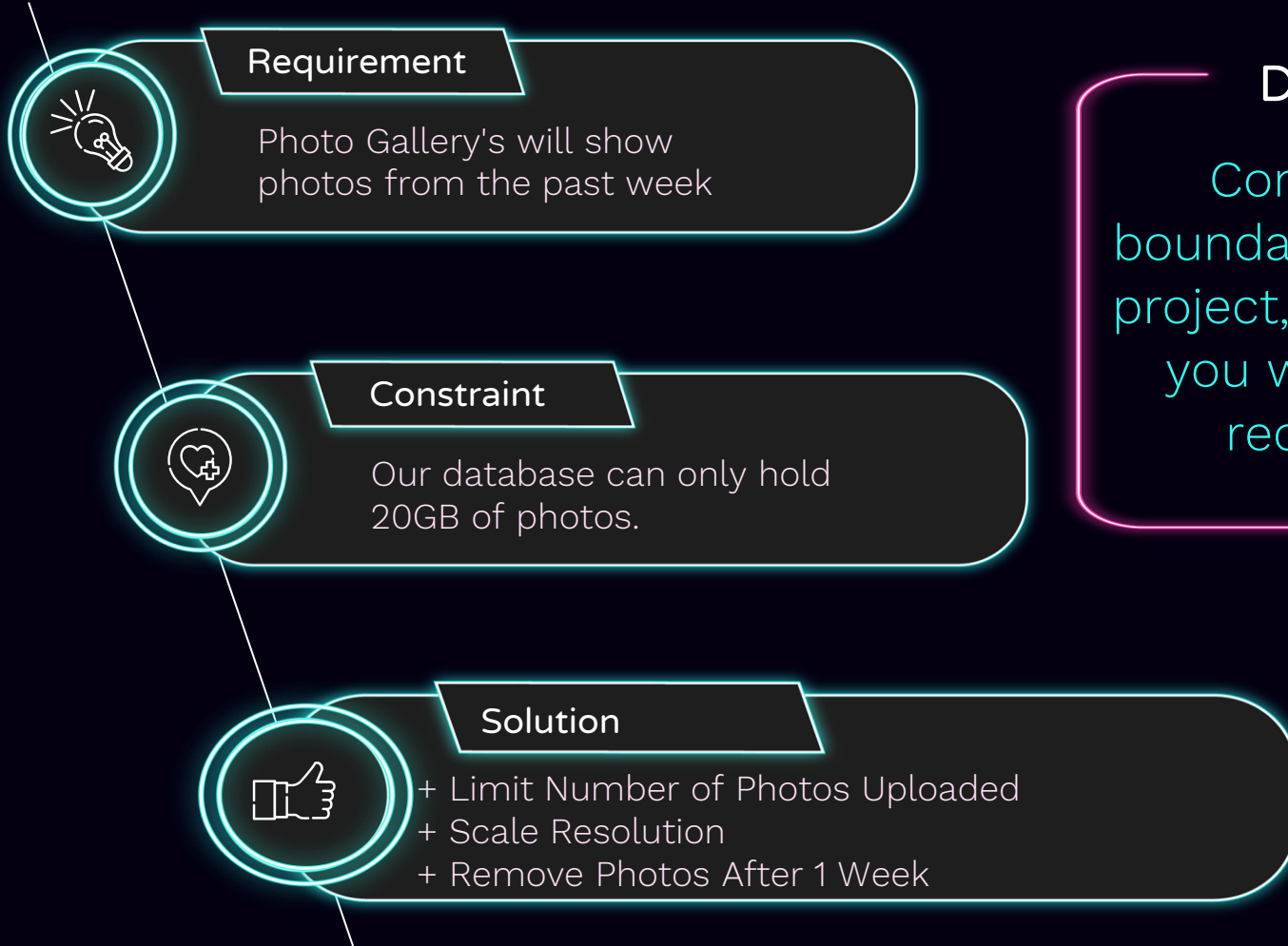
Our database can only hold 20GB of photos.



Solution

- + Limit Number of Photos Uploaded
- + Scale Resolution
- + Remove Photos After 1 Week

Requirements vs. Constraints



Difference

Constraints are boundaries set for your project, and shape how you will reach your requirements.

ISO/IEC/IEEE 29148:2018

Description

- Defines how to write good requirements
- Ensures they are clear, consistent, and verifiable
- Supports effective management as projects evolve

Vague



“The app should be fast”



Standardized

“Bar status updates within 1 minute”

Vague



“The app should be safe”



Standardized

“Location data visible only to mutual friends”

“Standards turn fuzzy ideas into features users can trust.”

THANKS!

Do you have
any questions?

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Sneak Peek