

Fall 11-15-2021

Development of a Mobile App for Project Management and Presentation

Jiaqi Li

University of Nevada, Las Vegas, lij50@unlv.nevada.edu

Jorge Fonseca Cacho Ph.D.

University of Nevada, Las Vegas, jorge.fonsecacacho@unlv.edu

Follow this and additional works at: https://digitalscholarship.unlv.edu/durep_posters

Recommended Citation

Li, Jiaqi and Fonseca Cacho, Jorge Ph.D., "Development of a Mobile App for Project Management and Presentation" (2021). *Undergraduate Research Symposium Posters*. 81.

https://digitalscholarship.unlv.edu/durep_posters/81

This Presentation is protected by copyright and/or related rights. It has been brought to you by Digital Scholarship@UNLV with permission from the rights-holder(s). You are free to use this Presentation in any way that is permitted by the copyright and related rights legislation that applies to your use. For other uses you need to obtain permission from the rights-holder(s) directly, unless additional rights are indicated by a Creative Commons license in the record and/or on the work itself.

This Presentation has been accepted for inclusion in Undergraduate Research Symposium Posters by an authorized administrator of Digital Scholarship@UNLV. For more information, please contact digitalscholarship@unlv.edu.

Development of a Showcase Mobile App for Project Management and Presentation

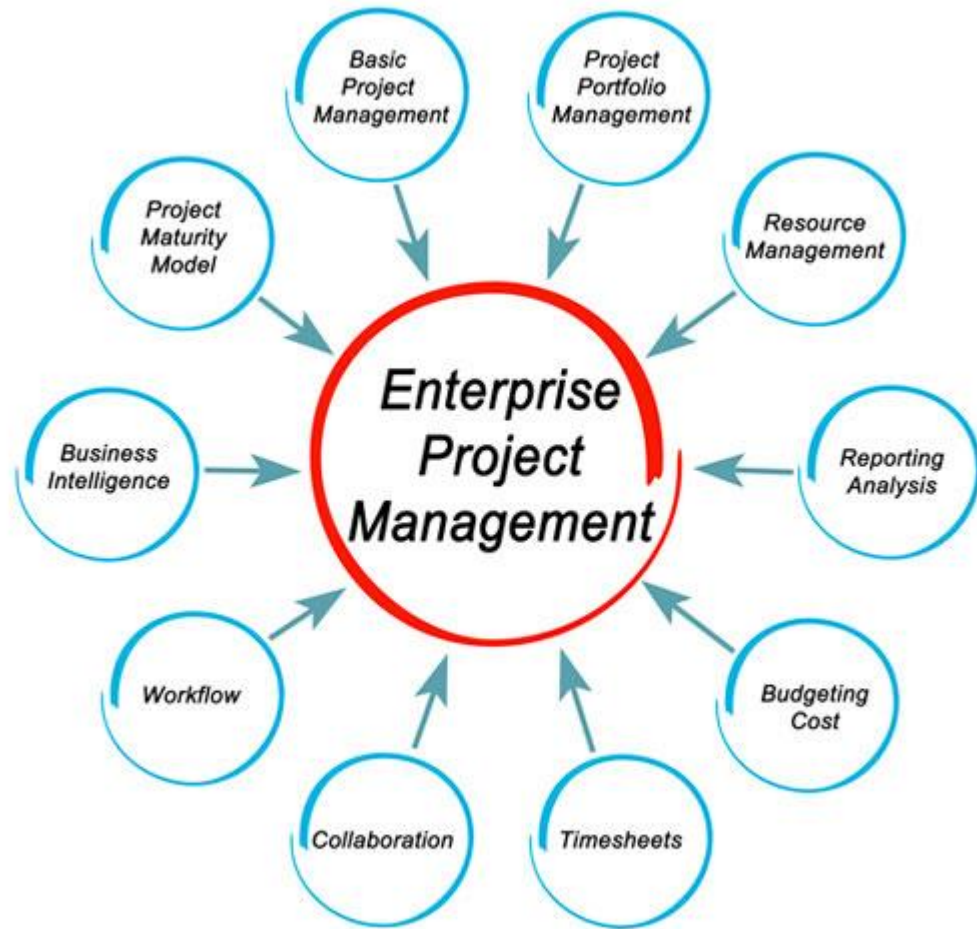
Jiaqi Li

Computer Science, University of Nevada, Las Vegas

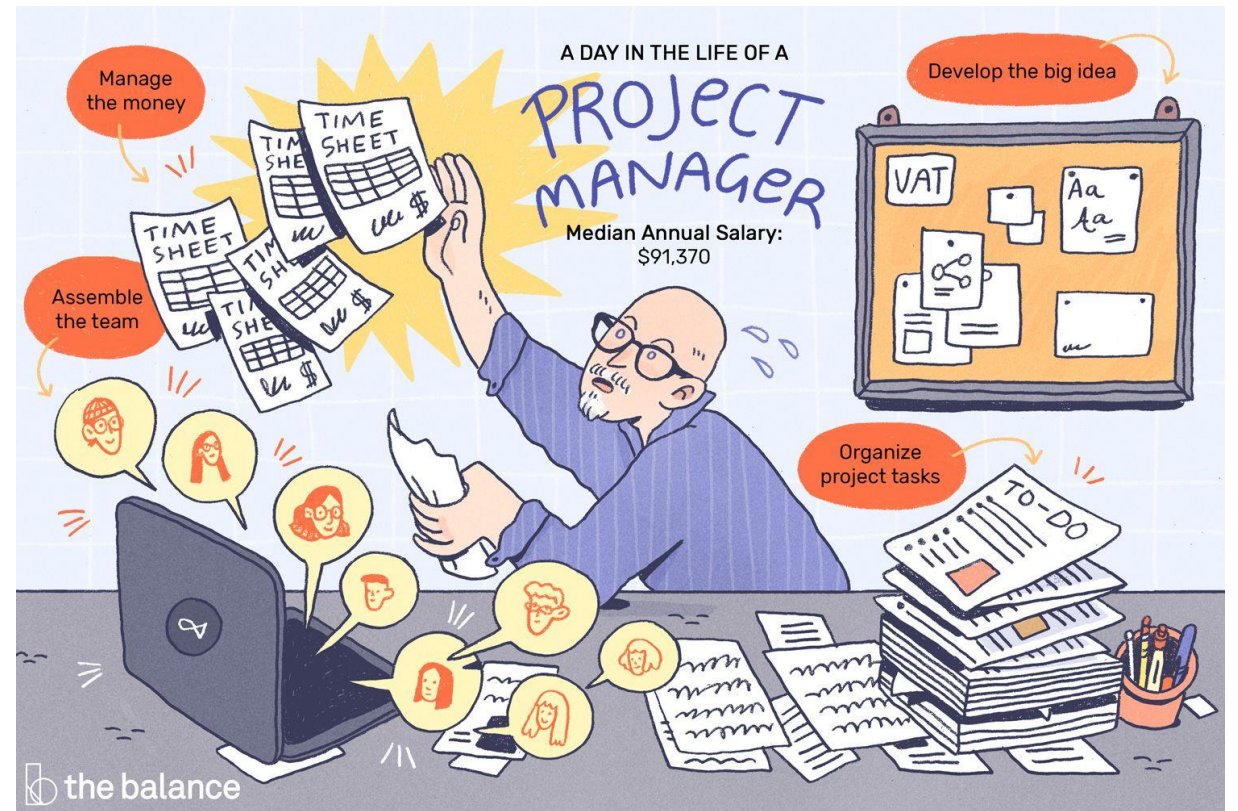
Jorge Fonseca Cacho

Computer Science, University of Nevada, Las Vegas

Motivations

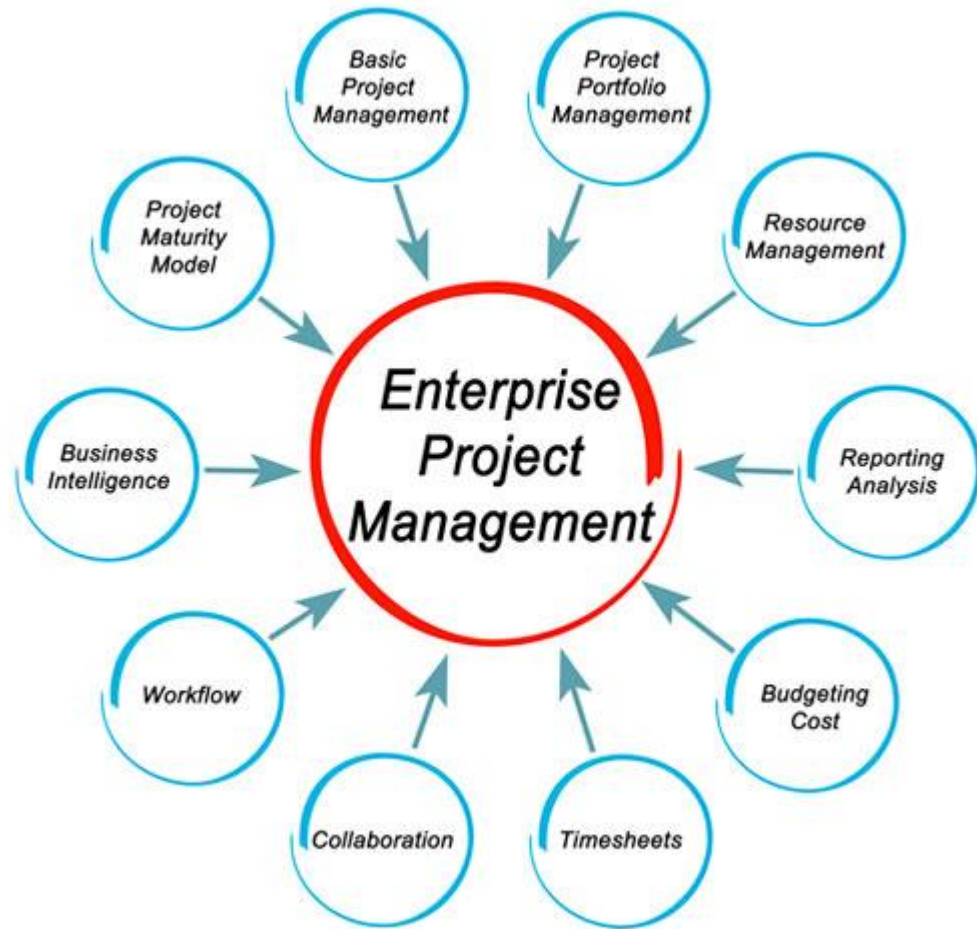


<https://www.hevamanagement.eu/organizational-project-management/>

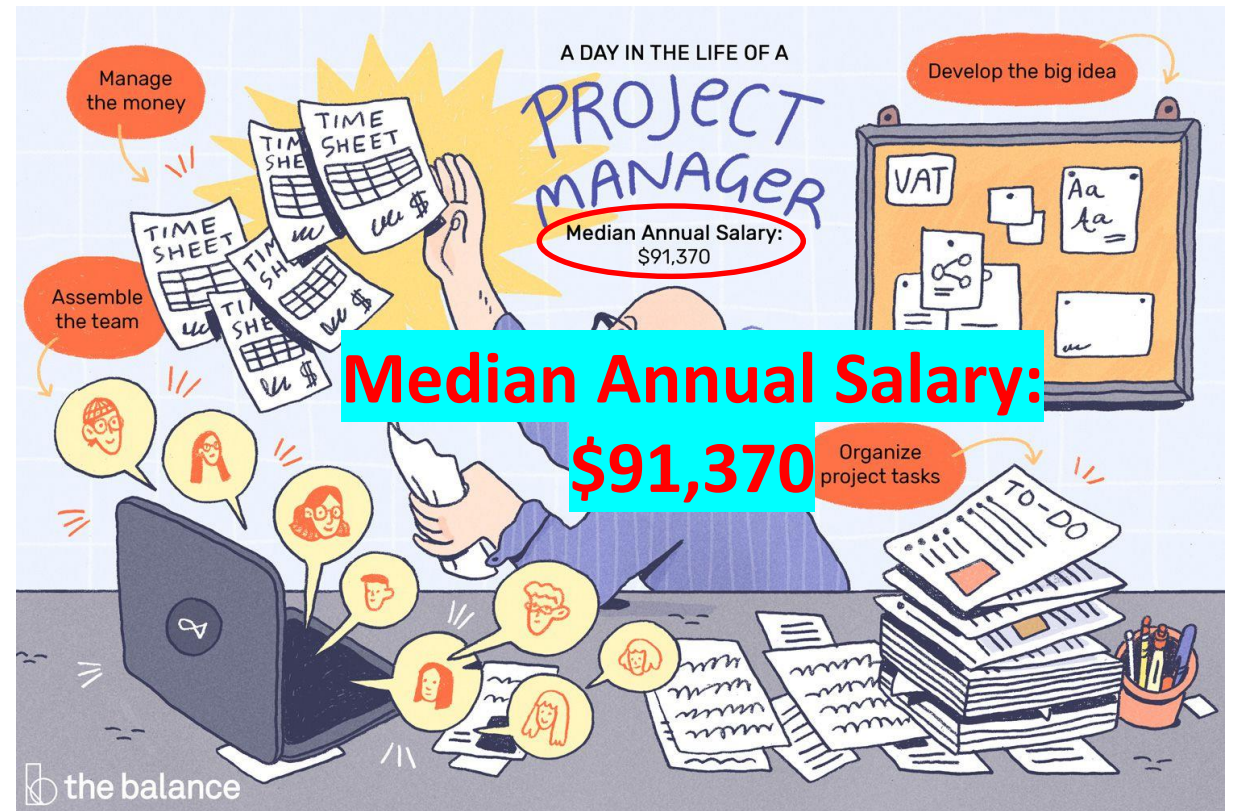


<https://www.re-thinkingthefuture.com/rtf-fresh-perspectives/a1001-project-management-for-architects-a-necessity-or-just-career-option/>

Motivations

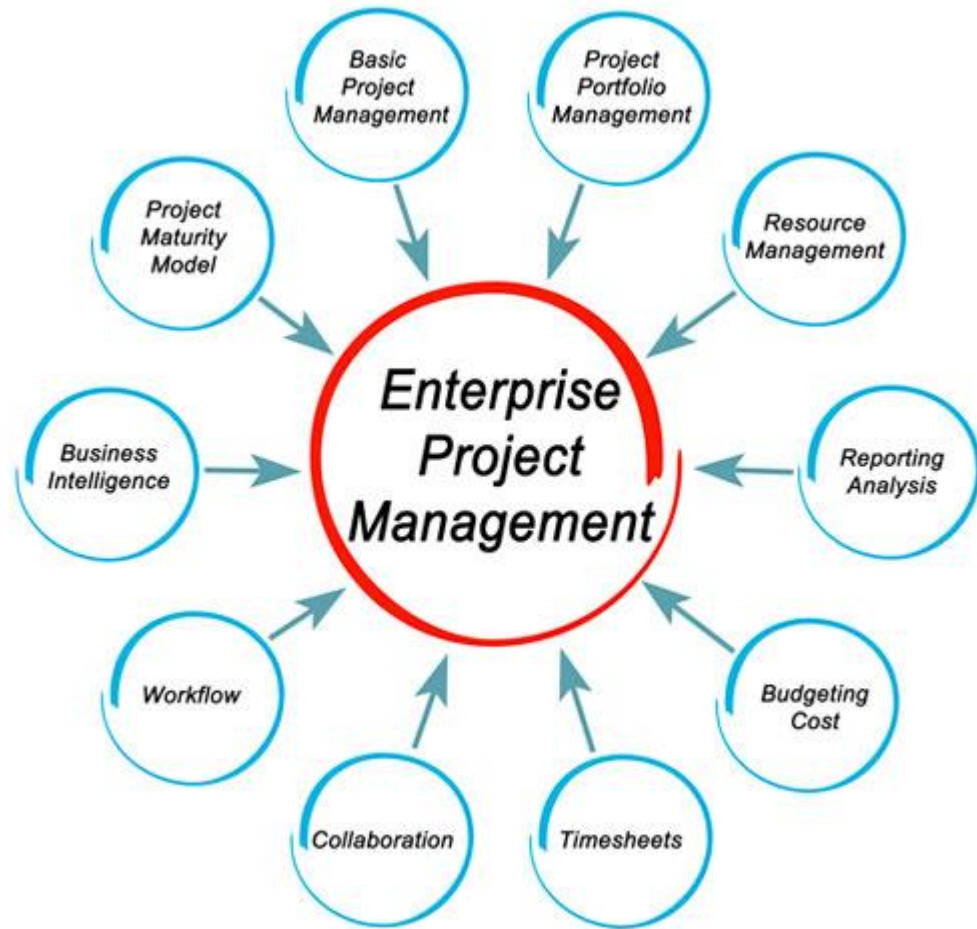


<https://www.hevamanagement.eu/organizational-project-management/>

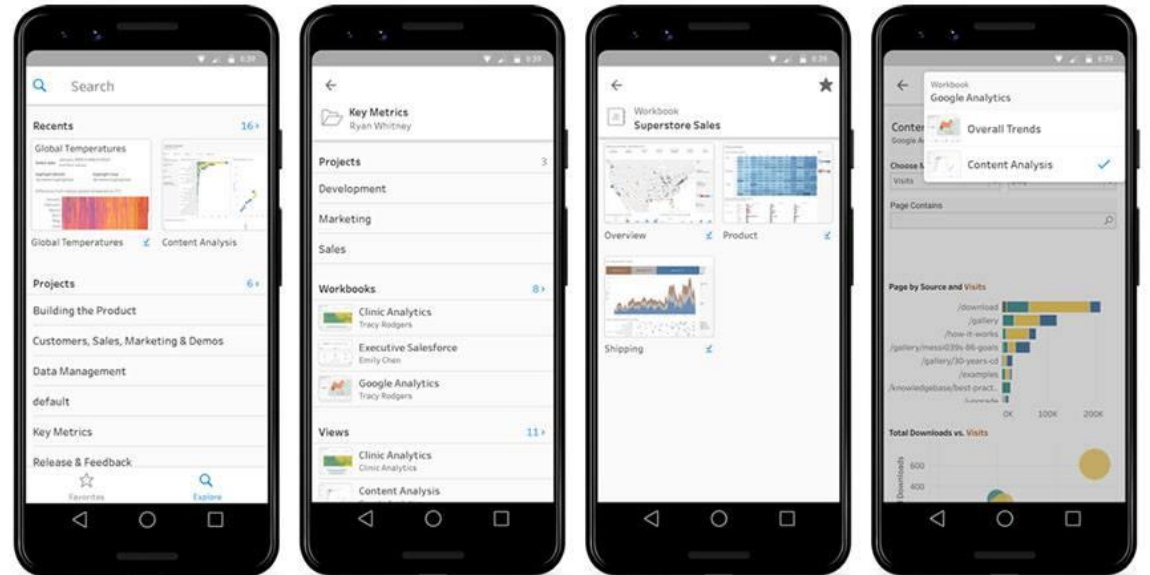


<https://www.re-thinkingthefuture.com/rtf-fresh-perspectives/a1001-project-management-for-architects-a-necessity-or-just-career-option/>

Motivations



<https://www.hevamanagement.eu/organizational-project-management/>



Explore
Browse and search
site content

Project
See the contents of a
Project at a glance

Workbook
Fast access to all
Views in a Workbook

Dashboard
Easily navigate
between Views

<https://www.tableau.com/about/blog/2019/2/introducing-new-tableau-mobile>

Methods and results



Graphic User Interface



Back-end code

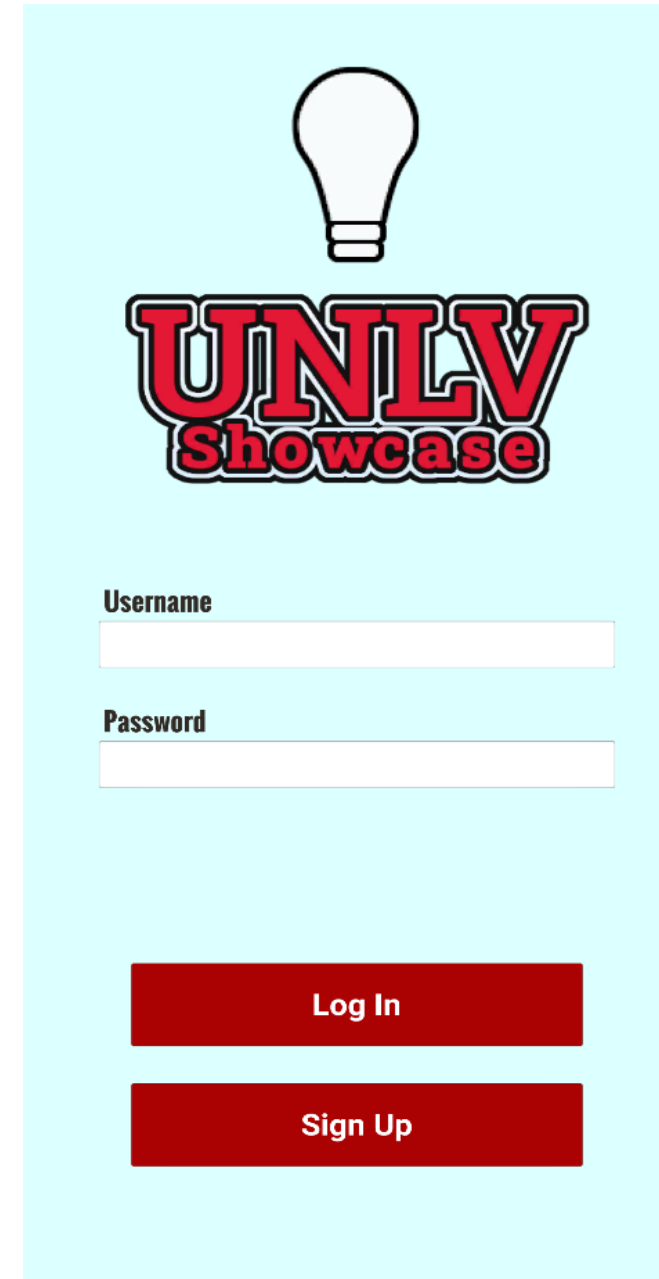


MariaDB

Database



Authority



Methods and results



Graphic User Interface



Back-end code

broadly used

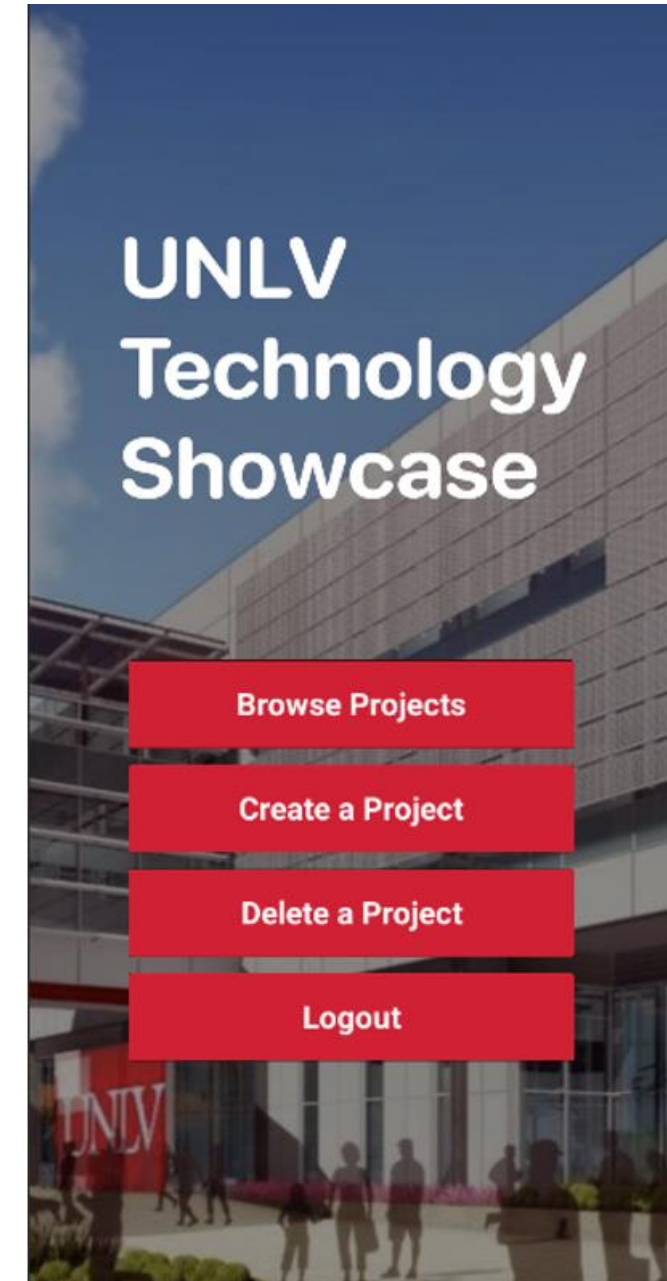


MariaDB

Database



Authority



Methods and results



Graphic User Interface



Back-end code



MariaDB

Database



Authority

← **Create New Project**

Project Name

Project Description

Contact Information

Project Manager

Location

Contact (Email)

List of Investors (Separate with commas)

External Information

Image URL (optional)

License URL (optional)

Methods and results



Graphic User Interface



Back-end code

broadly used

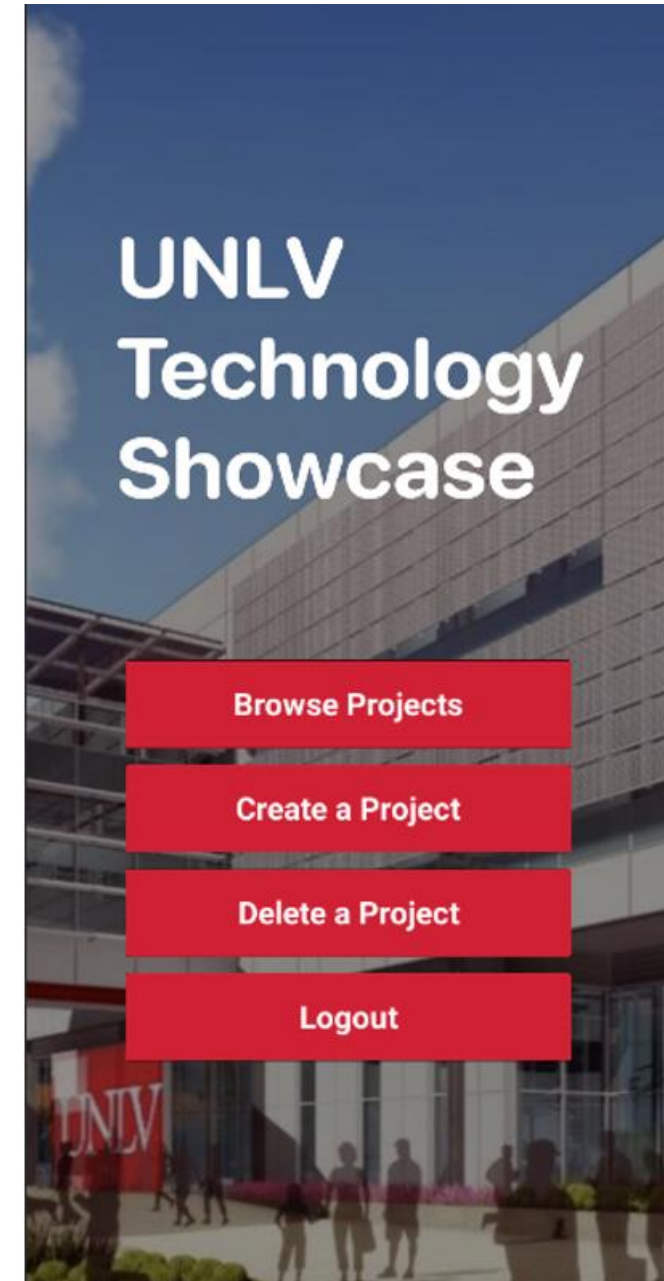


MariaDB

Database



Authority



Methods and results



Graphic User Interface



Back-end code

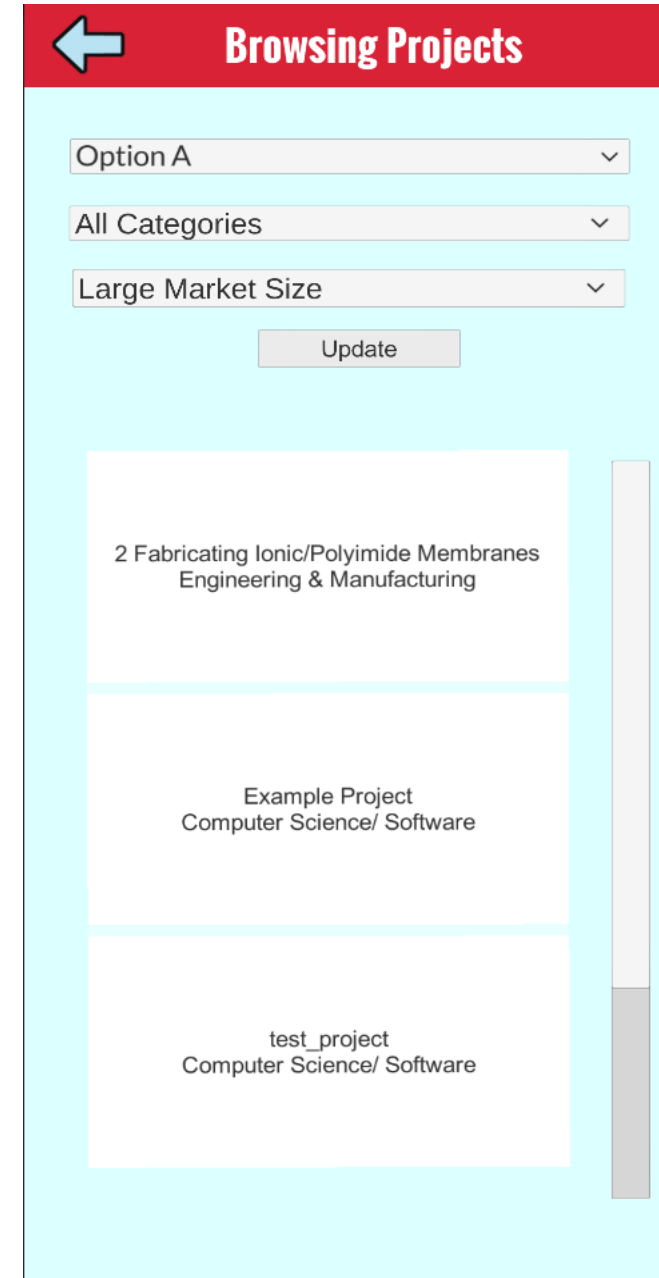


MariaDB

Database



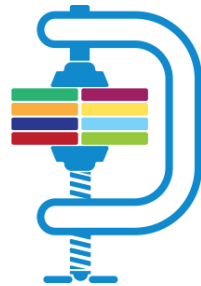
Authority



Future improvements

Scale-up

- Distributed data storage and processing
- Information compression
- Balanced performance
 - Mobile data usage
 - Mobile memory usage
 - Data loading speed



Functional extensions

- Web app and desktop web
- Compatibilities on Android and Apple systems
- Multimedia information
- Holography and autostereoscopy
- Virtual reality
- Extension to entire UNLV campus and beyond

