

Final Release

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Name of Project: Legacy Trail

Dependencies: XCode 16.0, Firebase 11.13.0, SDWebImage 5.20.0

Special Instructions:

- App can be run on the simulator without errors, but it must be run on a phone to use the camera feature. Run on iPhone 16 Pro Simulator.
- Populated Test Account:
 - Email: demo@me.com
 - Password: 123456

Feature	Description	Release Planned	Release Actual	Deviations	Contribution
User Interface	App buttons, table views, collection views, and screens.	Final	Final	User interface looks very similar to what we planned.	Diego C. (25%) Diego P. (25%) Gracelynn (25%) Trish (25%)
App Navigation	Ensure that users can navigate between all major pages of the app.	Alpha	Alpha	Instead of having the user swipe between pages, we used a tab bar view controller.	Diego C. (25%) Diego P. (25%) Gracelynn (25%) Trish (25%)
Login and Registration	Allow users to create an account and login.	Beta	Alpha	Implemented earlier due to it being simpler than expected.	Trish (100%)
Profile Screen	Display user information on profile screen, such as username and email.	Alpha	Alpha	None	Diego P. (100%)
Map Shell	Display a map view centered on the user's current location.	Alpha	Alpha	None	Diego C. (100%)
Map Pins	Map pins are created for memories with a location associated with them.	Final	Beta	None	Gracelynn (100%)

	Users can tap a pin to see the memory details.				
Unlockable Map Regions	The map is darkened for undiscovered regions. The map is highlighted for discovered regions. Our regions are states of the U.S.	None	Final	Our stretch feature was adding timeline functionality to the map. This was implemented instead.	Diego C. (50%) Gracelynn (50%)
Bucket List Item	Create a bucket list item by long pressing on the map.	Beta	Final	None	Gracelynn (100%)
Camera Shell	Set up camera functionality. Users can take a picture.	Alpha	Alpha	None	Diego C. (100%)
Advanced Camera Functionality	Polish the camera screen and give the user the ability to switch cameras, zoom, and add flash.	Final	Beta	None	Diego C. (100%)
Photo Upload Shell	Set up photo upload functionality. Pulls up the user's photo library.	Alpha	Alpha	None	Diego C. (100%)
Capsules Database Collection	Created capsules collection in Firestore database that holds information about each time capsule.	Beta	Beta	None	Trish (100%)
Time Capsule Display	Create the time capsule view controller. Users can view available time capsules and segue to time capsule screens.	Alpha	Alpha	None	Trish (100%)
Create and Edit Time Capsule Screen	Allow users to set scheduled dates and add other app users to the time capsule. Adds	Beta	Beta	Only the capsule owner can add legacy contacts. We originally	Trish (100%)

	documents to Firestore database.			planned for legacy contacts to be able to add additional contacts.	
View Received Time Capsule	Users can view time capsules they have received after the availability date in view-only mode. They can review the memories and map of the user that created the time capsule.	Final	Beta	None	Trish (50%) Gracelynn (50%)
Memories Database Collection	Created memories collection in Firestore database that holds information about each created memory.	Beta	Beta	None	Gracelynn (100%)
Memories View	User's memories are pulled from Firestore database and displayed in the collection view.	Beta	Beta	The display differs from the design document. Vertical scroll instead of horizontal scroll.	Gracelynn (100%)
Memory Details View	Memories can be tapped to pull up details. Memories can be edited, deleted, and shared.	Beta	Beta	We originally did not plan on having a share memory button.	Gracelynn (100%)
Memory Creation	After taking a picture or uploading a photo, users are taken to a memory creation screen. They can fill out details and upload the memory. They can adjust the location of the memory.	Beta	Beta	We originally did not plan on the user being able to edit their location.	Gracelynn (100%)
Achievement Badges	Displays the badges a user has earned. Shows the progress a user has toward	Beta	Final	We ended up implementing settings in the	Gracelynn (100%)

	completing a badge. Badges revolve around the number of memories and capsules created.			beta release and implementing badges in the final release.	
Notifications	Created a notification center. Users receive notifications based on their notification preferences.	Final	Final	We intended notifications to be push notifications. We changed this to a notification center.	Gracelynn (100%)
Notification Preferences Settings	Allows the user to control what notifications they receive. Create a notification preferences collection that remember's the user's choice.	Final	Final	We did not implement notifications for places the user has not revisited in a while.	Diego P. (50%) Gracelynn (50%)
Dark and Light Mode	Allow the user to switch between dark and light mode. Decisions are saved in user defaults.	Beta	Beta	None	Diego P. (75%) Gracelynn (25%)
Account Settings	Allow the user to change account settings. Users can change their email, password, and username.	Final	Beta	None	Diego P. (100%)
Account Deletion	Allows the user to delete their account.	Final	Beta	None	Diego P. (100%)
Profile Picture	Users can upload a picture to be their profile picture. This photo is saved. Profile picture is displayed on profile tab.	Beta	Beta	Originally did not plan on displaying profile pictures on the tab bar controller.	Diego C. (75%) Gracelynn (25%)
App Logo and Launch Screen	Create the app logo and display it on the launch screen.	Final	Beta	None	Diego C. (100%)