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#1

Use Case Name	General Use Case
Scope	Core App Functionality
Level	High-level App Interaction
Primary Actor	Student
Stakeholder	<ul style="list-style-type: none"><li>- Student</li><li>- CofC</li></ul>
Preconditions	<ul style="list-style-type: none"><li>- The user has successfully logged into the app with a valid CofC email.</li><li>- The user has read and understood basic app instructions.</li></ul>
Success Guarantee	The student navigates through the app without any critical errors or malfunctions.
Main Success Scenario	<ul style="list-style-type: none"><li>- The student opens the app, sees available actions, and starts exploring.</li><li>- The student can access maps, hints, and information about various landmarks.</li><li>- The student progresses smoothly without needing troubleshooting assistance.</li></ul>
Extensions	User encounters an unexpected error: App provides an error message and an option to restart or contact support.
Postconditions	The user successfully navigates through the main areas of the app.
Special Requirements	<ul style="list-style-type: none"><li>- Responsive design for both laptops and smartphones.</li><li>- Intuitive interface for easy navigation.</li></ul>

#2

Use Case Name	User Login
Scope	Authentication and Access Control
Level	User Authentication
Primary Actor	Student
Stakeholder	<ul style="list-style-type: none"><li>- Student</li><li>- CofC</li></ul>
Preconditions	<ul style="list-style-type: none"><li>- User has a valid CofC email and access credentials.</li><li>- The app is connected to the internet for authentication.</li></ul>
Success Guarantee	Users gain access to the app and its features.
Main Success Scenario	<ul style="list-style-type: none"><li>- The user opens the app's login screen.</li><li>- The user enters a CofC email and password.</li><li>- System verifies credentials and grants access.</li></ul>
Extensions	Incorrect credentials entered: App prompts the user to retry or reset the password.
Postconditions	User is logged in and can access all app features.
Special Requirements	Secure authentication process compliant with data privacy standards.

#3

Use Case Name	Insertion of Preferences by User
Scope	Scope Personalization
Level	User Experience Enhancement
Primary Actor	Student
Stakeholder	<ul style="list-style-type: none"><li>- Student</li><li>- CofC</li></ul>
Preconditions	User can login
Success Guarantee	User preferences are saved and tailored suggestions are provided
Main Success Scenario	<ul style="list-style-type: none"><li>- User accesses the preferences section.</li><li>- User selects options (e.g., preferred landmark types or notification settings).</li><li>- System saves preferences and applies them to enhance the experience.</li></ul>
Extensions	User does not save preferences: App uses default settings.
Postconditions	Preferences are saved, enhancing the app experience.
Special Requirements	Data storage that maintains user preferences across sessions.

#4

Use Case Name	Landmark found
Scope	Informative Content Delivery
Level	Content Display
Primary Actor	Student
Stakeholder	<ul style="list-style-type: none"><li>- Student</li><li>- CofC</li></ul>
Preconditions	User is at the landmark
Success Guarantee	User receives content related to the landmark.
Main Success Scenario	<ul style="list-style-type: none"><li>- User finds a clue or landmark.</li><li>- App presents historical information or a fun fact.</li><li>- User acknowledges receipt, and the app marks the landmark as “discovered.”</li></ul>
Extensions	User skips content: App logs as read and continues to the next task.
Postconditions	Landmark is marked as found, and educational content is displayed.
Special Requirements	Engaging multimedia content for an interactive experience.

#5

Use Case Name	Feedback on Landmark
Scope	User Feedback Collection
Level	Interaction Logging
Primary Actor	Student
Stakeholder	<ul style="list-style-type: none"><li>- Student</li><li>- CofC</li></ul>
Preconditions	User has visited the landmark
Success Guarantee	User feedback is submitted and saved for review
Main Success Scenario	<ul style="list-style-type: none"><li>- User selects the feedback option for a visited landmark.</li><li>- Users enter comments or ratings.</li><li>- System saves feedback and thanks the user.</li></ul>
Extensions	User skips feedback: App proceeds without saving feedback.
Postconditions	Feedback is stored for future reference
Special Requirements	Privacy-complaint feedback storage system

#6

Use Case Name	Feedback on Tour
Scope	App Feedback Collection
Level	Post-Use Survey
Primary Actor	Student
Stakeholder	<ul style="list-style-type: none"><li>- Student</li><li>- CofC</li></ul>
Preconditions	User has completed the tour.
Success Guarantee	User feedback on the app is stored.
Main Success Scenario	<ul style="list-style-type: none"><li>- User receives a prompt to leave feedback.</li><li>- Users submit ratings and comments on their experience.</li><li>- System saves feedback for admin review.</li></ul>
Extensions	User skips feedback: App prompts later or closes feedback prompt.
Postconditions	Feedback is collected for app improvements.
Special Requirements	Option to submit feedback

#7

Use Case Name	Create Admin Account
Scope	Admin Management
Level	Admin Functionality
Primary Actor	App Administrator
Stakeholder	<ul style="list-style-type: none"><li>- Admin</li><li>- CofC</li></ul>
Preconditions	Admin has correct credentials
Success Guarantee	Admin account is created with secure access
Main Success Scenario	<ul style="list-style-type: none"><li>- Admin accesses account creation settings.</li><li>- Admin enters details and saves.</li><li>- System creates and verifies the new admin account.</li></ul>
Extensions	Account creation fails: System logs error and requests retry.
Postconditions	Admin account is active.
Special Requirements	Two-factor authentication for security.

#8

Use Case Name	Create a Station
Scope	Game Content Creation
Level	Admin functionality
Primary Actor	Admin
Stakeholder	<ul style="list-style-type: none"><li>- Admin</li><li>- CofC</li></ul>
Preconditions	Admin is logged in
Success Guarantee	New station is added to the game.
Main Success Scenario	<ul style="list-style-type: none"><li>- Admin selects “Add Station.”</li><li>- Admin enters location, clues, and descriptions.</li><li>- System saves the new station in the app.</li></ul>
Extensions	Station creation fails: System logs error.
Postconditions	Station is accessible to users.
Special Requirements	GPS/AR setup for on-site engagement.



#9

Use Case Name	Delete a Station
Scope	Game Content Management
Level	Admin Functionality
Primary Actor	Admin
Stakeholder	<ul style="list-style-type: none"><li>- Admin</li><li>- CofC</li></ul>
Preconditions	Admin is logged in
Success Guarantee	Station is removed
Main Success Scenario	<ul style="list-style-type: none"><li>- Admin selects stations to delete.</li><li>- Admin confirms deletion.</li><li>- System removes stations from the tour.</li></ul>
Extensions	System error prevents deletion.
Postconditions	Station no longer appears in the game.
Special Requirements	Confirmation for accidental deletions.

#10

Use Case Name	Admin Review Feedback
Scope	Feedback Collection Review
Level	Admin Functionality
Primary Actor	Admin
Stakeholder	<ul style="list-style-type: none"><li>- Admin</li><li>- CofC</li></ul>
Preconditions	<ul style="list-style-type: none"><li>- Admin is logged in</li><li>- Students have provided feedback.</li></ul>
Success Guarantee	Admin reviews feedback entries.
Main Success Scenario	<ul style="list-style-type: none"><li>- Admin accesses the feedback section.</li><li>- Admin reviews comments or ratings.</li><li>- Admin notes or implements changes based on feedback.</li></ul>
Extensions	Admin skips feedback review: System logs it for later access.
Postconditions	Feedback is reviewed, ready for potential updates.
Special Requirements	Option to filter feedback by date or type.