



<https://creant.asia>

## Project Proposal: NFC-Integrated Photo and Video Gallery Website

---

### Project Overview

This project aims to develop a seamless, NFC-based photo and video gallery experience. Users will interact with NFC tags programmed to redirect them to a dedicated website hosting multimedia content. The website will be built using an open-source Content Management System (CMS) with gallery plugins for robust media display and cybersecurity modules to ensure secure access and data integrity.

---

### Project Scope

#### 1. NFC Integration

- **Purpose:** Leverage NFC technology to provide users with an effortless way to access multimedia content.
- **NFC Programming:**
  - Program NFC tags with URLs encoded in **NDEF (NFC Data Exchange Format)** standards.
  - Utilize **URI Record Type Definition** for web redirection.
- **Specifications:**
  - Tag format: NDEF-compliant tags (Type 2 or 4).

Payload: <https://examplegallery.com>

- **Security:** Consider enabling tag write-protection to prevent tampering.

## 2. Website Development

- **Hosting:** AWS Cloud for scalability, reliability, and global reach.
- **CMS:** Open-source CMS (e.g., WordPress, Drupal, Joomla).
  - **Rationale:** Flexibility, cost-efficiency, and wide plugin support.
- **Gallery Plugin:**
  - **Features:** Thumbnail view, lightbox effects, and video playback support.
  - **Options:** NextGEN Gallery (WordPress), Juicebox, or other compatible plugins.
- **Cybersecurity Modules:**
  - **Features:** SSL/TLS encryption, anti-malware scanning, secure login protocols (2FA), and regular backups.
  - **Tools:** Wordfence Security (WordPress), AWS Shield for DDoS protection.

## 3. User Experience

- Optimized for mobile devices.
- Intuitive navigation with filters for categories (e.g., photos, videos, events).

## 4. Development Workflow

- **Phase 1: Planning & Setup**
  - NFC tag selection and testing.
  - AWS setup (Elastic Beanstalk or EC2, S3 for media storage).
- **Phase 2: Website Development**
  - CMS installation and configuration.
  - Customization with gallery plugins and cybersecurity tools.
- **Phase 3: Testing & Deployment**
  - NFC redirection testing.
  - Website performance optimization.
  - Security auditing (optional)

---

## Technical Details

### NFC Standards (NDEF Format)

- **URI Record Type:** A standardized NDEF record type for web redirection.

Milestone	Duration
-----------	----------

Planning & Requirements	1 week
NFC Tag Programming	3 days
CMS Development & Testing	3 weeks
Deployment & Optimization	1 week

---

#### **Terms of Payment:**

Payment shall be due as follows:

60% Down Payment

35% Test Completed / bug free

5% Completion / Sign Off

#### **Payment Options:**

<b>Bank name</b>	<b>Account name</b>	<b>Account number</b>
<b>BDO</b>	<b>Purse Information Technology Services</b>	<b>012090188436</b>

Efforts, Timelines, and Costs are based on the above described scope, based on the mentioned references, assumptions included in this proposal. Any changes to these may necessitate a

Change requests that may impact efforts. Any additional effort to that indicated in this proposal shall be subject to a new commercial proposal. Reduction in efforts, on the other hand, may be substituted by enhancements of equivalent effort.

This proposal is valid for 10 days from the date of submission, or until succeeded by a new proposal.

#### **Miscellaneous Provisions:**

##### **1. Confidentiality**

Information, documents, and other papers relative to this Project obtained or may be obtained by the parties shall be kept confidential, and shall not be disclosed to any person or entity without the prior written approval of both the Client and Creant.Asia.

## **2. Force Majeure**

Neither party shall be liable or responsible to the other party, nor be deemed to have defaulted or breached this Agreement, for any failure or delay in fulfilling or performing any term of this Agreement when and to the extent such failure or delay is caused by or results from acts or circumstances beyond the reasonable control of the impacted party, including, without limitation, acts of God, flood, fire, earthquake, war, embargo, invasion or hostilities, terrorist acts, riot, national emergency, revolution, insurrection, epidemic, or strike (each a “Force Majeure Event”).

If a Force Majeure Event prevents Creant.Asia from carrying out its obligations under this Agreement for a continuous period of more than 30 Calendar days, Client will give Creant.Asia an extension of 30 days.

## **Conclusion and Acceptance**

Thank you very much, and we look forward to a mutually beneficial engagement. Should you find this proposal acceptable, kindly sign under the Acceptance Section below, and provide the corresponding Bank Deposit/PO/Work Order to start the engagement.

On behalf of our company, I hereby accept this proposal

---

Name / Designation / Company

For clarifications, arrangements and further inquiries, please reach me through my contact information below.

Respectfully,

**Art Polo Gabriel III**

CTO, Creant Solutions | Purse Information Technology Services

Ortigas Pasig 1650 | Morong Rizal 1960

<https://creant.asia/>

[art@creant.asia](mailto:art@creant.asia) |

+639207063257