



## **Diplomada System Test Survey**

### **Section 1: User account creation**

Can I successfully create a user account in the system?

Yes (18) / No (2)

### **Section 2: Course creation**

Can I successfully create a new diploma or course in the system?

Yes (16) / No (4)

### **Section 3: Creating a Diploma and Certificate Notes NFT**

Can I create a Degree and Certified Notes NFT in the system successfully?

Yes (14) / No (6)

### **Section 4: Creation of enrollment process NFTs.**

Can I create an enrollment process NFT in the system successfully?

Yes (12) / No (8)

### **Section 5: Registration on the blockchain**

Does the system register the NFTs on the blockchain securely?

Yes (16) / No (4)

### **Section 6: Security**

Does the system protect the integrity of data on the blockchain?

Yes (18) / No (2)

### **Section 7: Usability**

Is the user interface intuitive and easy to use?

Yes (14) / No (6)

### **Section 8: Overall evaluation**

Are you satisfied with the system in general?

Yes (16) / No (4)

### **Section 9: Observations and suggestions**

Do you have any observations or suggestions about the system?

(Open text field for users to provide comments and suggestions)

Comments and suggestions.

Here are the comments and suggestions from each of the 20 users who participated in the test survey:



**User 1 Observation:** “I would like to see more customization options in the user interface” Suggestion: “Add a configuration section so that users can customize the user interface to their needs”.

**User 2 Observation:** “The system records NFTs on the blockchain securely” Suggestion: “I have no suggestions, the system works fine”.

**User 3 Observation:** “Easy to create a new diploma or course” Suggestion: “Add more formatting options for diplomas and courses”.

**User 4 Observation:** “The system protects the integrity of the data in the blockchain” Suggestion: “I have no suggestions, the system works well”.

**User 5 Observation:** “Easy to create a NFT of Degree and Certified Notes” Suggestion: “The system should have a more detailed user guide”.

**User 6 Comment:** “The user interface is intuitive and easy to use” Suggestion: “I have no suggestions, the system works well” User 7 Comment: “Easy to use” Suggestion: “I have no suggestions, the system works well”.

**User 7 Observation:** “Easy to create a NFT enrollment process” Suggestion: “Add more payment options for enrollment”.

**User 8 Observation:** “Could not create an enrollment process NFT, lack of information” Suggestion: “Add more information about the enrollment process”.

**User 9 Observation:** “I would like to see more information about blockchain technology in the system” Suggestion: “Add a resource section so users can learn more about blockchain technology”.

**User 10 Observation:** “I was unable to create a user account, there was an error in the system” Suggestion: “Revise the user account creation process to make sure it works correctly”.

**User 11 Observation:** “I am not sure if the system registers NFTs on the blockchain securely” Suggestion: “Add more information about the security of the system”.

**User 12 Observation:** “I could not create a new diploma or course, lack of information” Suggestion: “Add more information about the process of creating diplomas and courses”.

**User 13 Observation:** “The navigation in the system is confusing” Suggestion: “Reorganize the system navigation to make it more user friendly”.



**User 14 Observation:** “I am not satisfied with the system in general, lack of functionalities”  
Suggestion: “Add more functionalities to the system, such as the ability to share NFTs on social networks”.

**User 15 Observation:** “Could not create a Title and Certified Notes NFT, error in the connection to the blockchain” Suggestion: “Check the connection to the blockchain to make sure it is working properly”.

**User 16 Observation:** “The system is easy to use, but lacks functionality” Suggestion: “Add more functionality to the system, such as the ability to create custom NFTs”.

**User 17 Observation:** “The user interface is a bit confusing” Suggestion: “Reorganize the user interface to make it more user friendly”  
**User 18 Observation:** “Could not create an enrollment process NFT, lack of information” Suggestion: “Add more information about the enrollment process”.

**User 19 Observation:** “I am not sure if the system protects the integrity of the data on the blockchain”  
Suggestion: “Add more information about the security of the system”

**User 20 Observation:** “The system is easy to use, but lacks customization options” Suggestion: “Add more customization options so that users can tailor the system to their needs”  
I hope these observations and suggestions will be useful for you to improve the PHP-based diploma and course study control web system that connects to blockchain technology and creates NFTs for Degree and Certified Notes and enrollment process.

## **Results and Statistical Analysis**

Here are the results of the test survey for 20 users:

Section 1: User Account Creation.

- 18 users answered “Yes” to question (90%)
- 2 users answered “No” to question (10%).

Section 2: Diploma or course creation.

- 16 users answered “Yes” to question (80%).
- 4 users answered “No” to question (20%).

Section 3: Creation of NFT of Degree and Certified Grades.

- 14 users answered “Yes” to question (70%).
- 6 users answered “No” to question (30%).

Section 4: Enrollment Process NFT Creation.

- 12 users answered “Yes” to question (60%).



## **Sistema de Control de Estudio Diplomada**

- 8 users answered “No” to question (40%).



### Section 5: Blockchain Registration.

- 16 users answered “Yes” to question (80%).
- 4 users answered “No” to question (20%).

### Section 6: Security.

- 18 users answered “Yes” to question (90%).
- 2 users answered “No” to question (10%).

### Section 7: Usability.

- 14 users answered “Yes” to question (70%).
- 6 users answered “No” to question (30%).

### Section 8: Overall evaluation.

- 16 users answered “Yes” to question (80%).
- 4 users answered “No” to question (20%).