

UNIVERSIDAD NACIONAL DEL ALTIPLANO
"FACULTAD DE INGENIERÍA ESTADÍSTICA
E INFORMÁTICA"



"CosmoCreations Community"

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Course:

SOFTWARE ENGINEERING

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”CosmoCreations Community”

1 Must

- Rule 1: The system must allow users to log in with two-factor authentication.
- Rule 4: The interface must be available in English and Spanish.
- Rule 6: Implement a chatbot for customer assistance.
- Rule 13: Users must receive personalized push notifications.
- Rule 23: Develop integration with social media platforms.
- Rule 25: The platform must be accessible according to WCAG 2.1 standards.
- Rule 30: The application must be compatible with low-power devices.
- Rule 32: Add an interactive map for location services.
- Rule 33: Critical data must be encrypted.
- Rule 36: The database must be replicated in multiple geographical zones for high availability.
- Rule 38: Offer a public API for developers.
- Rule 45: Add the capability to conduct surveys within the application.
- Rule 49: Add integration with smart assistants like Alexa or Google Home.
- Rule 56: Offer the option to resize text to improve accessibility.

2 Should

- Rule 11: The homepage should include an explanatory video of the product.
- Rule 19: Add advanced filters for data search.
- Rule 22: Create a feedback tool that allows users to submit suggestions.
- Rule 27: Integrate an inventory management system.
- Rule 29: Develop a task management module.
- Rule 37: Implement A/B testing for the user interface.

- Rule 39: Create an interactive FAQ section.
- Rule 44: Offer discounts based on user loyalty.
- Rule 55: Allow users to make reservations through the application.
- Rule 58: Implement a news section related to the users' sector.

3 Could

- Rule 2: The application could load in less than two seconds.
- Rule 5: There should be a voice search function.
- Rule 9: The database should be able to handle simultaneous transactions from up to 1000 users.
- Rule 15: Incorporate a scoring and rewards system for frequent users.
- Rule 21: Add the video conferencing feature.
- Rule 31: Implement facial recognition to enhance security.
- Rule 42: Implement a real-time error tracking system.
- Rule 47: Develop functionality to share documents in the cloud.

4 Won't

- Rule 20: Allow payments through cryptocurrencies.
- Rule 46: Implement reinforced security measures for online transactions.
- Rule 60: Add a personalized recommendations system.