# Use Case [#1]: A user can sign in to the website

## Description

[One to two sentences that briefly describe the use case, including the primary actor’s goal]

A user decides to sign in to a the website by preicsing what his uername, password and other information are.

## Level

High level summary

## Trigger

The customer clicks to the sign in link

## Primary Actor

[Designate the actor whose goal is satisfied in this use case, and has the most significant interest in the outcome]

The Primary Actor is the Customer shopping the Company’s online catalog.

## Additional/Supporting Actors

[List other actors that play a supporting role in the use case and impact the outcome.]

Secondary Actors:

* Online Chat Assistant/Tech Support
* Account Representative

## Stakeholders

[List the various entities who may not directly interact with the system but they may have an interest in the outcome of the use case. Stakeholder identification can aid in uncovering additional which are not readily apparent or mentioned directly by the users.]

Stakeholders:

* Accounts Receivable department
* Order Picking department
* Shipping department

## Preconditions

[List the system state/conditions which must be true before this Use Case can be executed.]

The Customer [Primary Actor] must have an active internet connection, logged onto the [company.com/shop] site open in the browser.

## Main Success Scenario

[Document the steps that illustrate the straightest or simplest path (the “happy path”) to accomplishing the goal. The main success scenario should describe the actors’ actions/stimuli and system response to the action or stimulus. This scenario should always end with a success end condition.]

1. Customer chooses a product.
2. Online Assistant contacts customer.
3. Customer declines assistance.
4. Customer enters payment and shipping information.
5. The system responds.
6. Actor confirms purchase.

## Extensions

[Document alternate flows and exceptions to the main success scenario. Extensions are branches from the main scenario, and numbering should align with the step of the success scenario where the branch occurs.]

1. **Exception**: Submitted data is incomplete:
2. System displays a warning message
3. Actor enters additional data.
4. The System responds.
5. **Alternative**: Actor uploads a document with required data.
6. System confirms upload.
7. System processes data.
8. System sends confirmation.

## Post Conditions

### Success End Condition

[Describe the end condition of the Use Case where the Primary Actor’s goal is satisfied]

The customer can sign in to the website

He can confirm his membership

His data is visible in the website

### Minimal Guarantees

The member has his account stored into the database.

### Failure End Condition

[Describe the end condition that results if the Primary Actor fails to accomplish his goal.]

The customer can register again with the same username

## Frequency

[Indicate how often the use case is expected to occur. This information aids designers and developers in understanding capacity requirements.]

Few members connects to the website every day.

## Special Requirements

[Describe any additional factors that impact the execution of the use case. These could be environmental, regulatory, organizational or market-driven in nature.]

### Performance

The customer should be taken to the order confirmation screen with 10 seconds of entering payment information.

### Security

Password will be masked in the inscription page and not returned to it in clear. The feature will prevent from mySQL injections or HTML injection. We will encode URL to protect.

### Usability / Accessibility

Order page must comply with Americans with Disabilities Act requirements.

Customer must be able to view page in English, French and Spanish.

### Other

## Issues and Next Steps

[Note any issues related to the definition of this use case that will require clarification prior to development. Also list any follow-up work that needs to be done prior to sign-off on the use case.]

Issues:

* Maximum length of checking account number
* Currency exchange rate update frequency

Next Steps:

* Obtain tax tables for U.S. states and territories