

1. Use Case Descriptions For Major Use Cases

a. Use case: *ShowCompany*

- i. Primary actor: User
- ii. Goal: Display a company's page with the link to their timeline on a screen
- iii. Preconditions:
 - User is running the server / is on the web page
 - User is on the home screen
 - Company they are looking for actually exists in the database
- iv. Trigger: user wants to look for a specific company and observe their timeline
- v. Scenario:
 - User clicks "Company List"
 - User can select a company from the list
 - User clicks the "show" button next to the company of their choice.
- vi. Exceptions:
 - Company does not exist: company will not appear on the list
 - User wants to apply a filter as they are searching: user selects the industry the company they are searching for specializes in from a list; the list is then narrowed down

b. Use case: *AddCompany*

- i. Primary actor: Admin
- ii. Goal: Add a company to the database
- iii. Preconditions:
 - Admin is running the server / is on the web page
 - Admin is on the home screen

- Company they are looking for actually exists in the database (if they're not trying to add one)
- iv. Trigger: Admin wants to add a company to the database
- v. Scenario:
 - Admin logs in with their username and password
 - Admin clicks "Add Company" at the top of the webpage.
 - Admin enters all relevant info about the company
 - Admin presses "create company"
 - Admin then goes to their timeline page and adds relevant entries
- vi. Exceptions:
 - Admin email / pass is incorrect: An error is given asking them to re-enter their credentials as those ones were incorrect
 - Admin leaves a field blank: the program tells them to fill in the field when they press "create company" (or "create event" in the timelines table)
- c. Use case: *ApproveSubmission*
 - i. Primary actor: Admin
 - ii. Goal: Add a company to the database via approving a user submission
 - iii. Preconditions:
 - Admin is running the server / is on the web page
 - Admin is on the home screen
 - iv. Trigger: Admin wants to add a company to the database via approving a user suggestion
 - v. Scenario:
 - Admin logs in with their username and password
 - Admin clicks "User Suggestions" at the top of the webpage.

- Admin clicks one in the list they find interesting
- Admin reviews the info in the entry
- Admin clicks “add to database”

vi. Exceptions:

- Admin email / pass is incorrect: An error is given asking them to re-enter their credentials as those ones were incorrect
- Admin is not satisfied with the suggestion: they can either edit it then approve it to the database, or outright delete it