

## **Requirements**

**Group Number:** 22

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1st Diagram- shows some of the stakeholders needs and requirements that we made sure to acquire during the making of our website.

The screenshot shows the Visual Paradigm Enterprise interface. The main window displays a table of requirements. The table has columns for Name, ID, Kind, Risk, and Use Cases. The 'Shall be guaranteed profit' requirement is highlighted in blue. Below the table, the 'Property' panel is visible, showing details for the selected requirement: Name: 'Shall be guaranteed profit', ID: 'Cus015', source: (empty), kind: 'Performance', verifyMethod: (empty), risk: 'high', and status: (empty). The left sidebar contains navigation icons for Diagram Navigator, Model Explorer, Property, and Diagram Backlog.

Name	ID	Kind	Risk	Use Cases
Must be operational on different devices	User003	Functional	low	
Must have booking available on website	User001	Functional	low	
Must have purchasing available on website	User002	Functional	low	
Must be provided with clear requirements	Dev006	Performance	high	
Must host the website on a good webserver	Dev007	Performance	high	
Shall be guaranteed profit	Cus015	Performance	high	
Must come up with a effective way of debugging the website	Dev005	Interface	high	
Must come up with the website framework	FA010	Interface	high	
Must deal with deadlines	FA008	Interface	high	
Must have a good user interface	Dev004	Interface	high	
Must have good marketing	Cus013	Interface	high	
Must have latest updates	Cus014	Interface	high	
Must manage meetings	FA009	Interface	high	
Must meet deadlines	Cus012	Interface	high	
Shall manage budget	FA011	Interface	high	

Property Panel:

Name: Shall be guaranteed profit  
 ID: Cus015  
 source:   
 kind: Performance  
 verifyMethod:   
 risk: high  
 status:

Some of the constraints we took account and also mentioned in our Lab 1 are:

- Movie age restrictions.
- Users must log in to purchase tickets and reserve seats.
- If refunding a ticket must do so 24 hours before showtime.
- If changing seat booking must do so 24 hours before showtime.
- Limited spots for VIP seats.
- Can not watch the show without purchasing a ticket.

Some of the assumptions made during the making of the website included:

- Assumed user knows how to navigate the website.
- Assumed user makes a login account.
- Users will be able to book tickets directly from the theatre page.
- If the user needs to change or cancel tickets they would come back to the website to do it.
- The user expects the website to be kept up to date.
- Assume the website to be fast and be responsive.

These requirements, constraints, and assumptions were all taken into consideration for our project because we would like our customers to be satisfied with the application. By knowing some of the assumptions and constraints, we were able to work around them and build a better application which meets all the requirements the end-user would need.