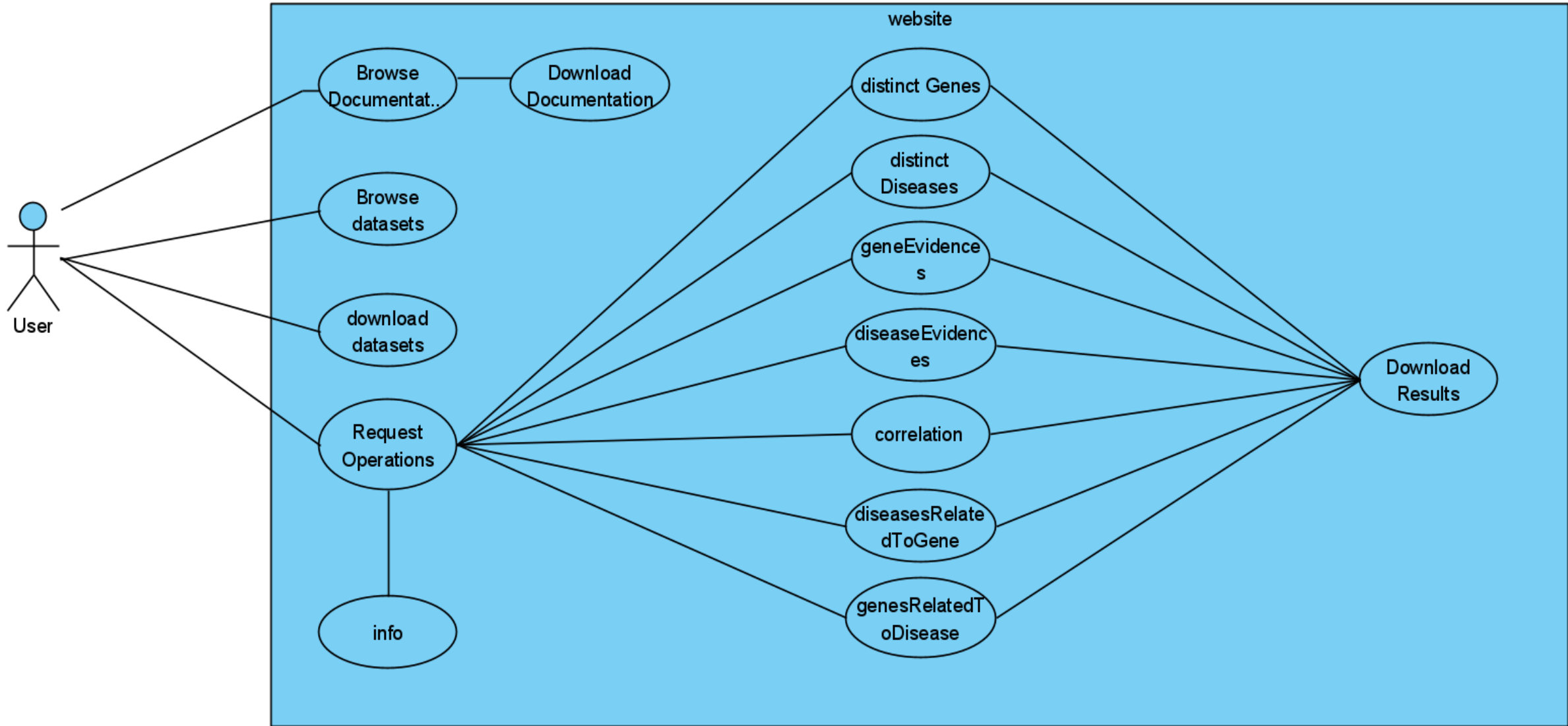


# Use Case Diagram



Use Case:	Browse Datasets
ID:	1
Preconditions:	
User is in the homepage and selects the button DiseasesDataset or GenesDataset	
Flow of Events:	
1) "website" decides which rows to show depending on the page	
2) "website" asks mediator for the rows	
2) "mediator" calls "functions" to obtain the rows from the dataset	
3) "mediator" returns the dataset to website	
Postconditions:	
User can see the requested dataset	

Use Case:	Download Datasets
ID:	2
Preconditions:	
User is in the homepage and select the button diseases_evidences.tsv or genes_evidences.tsv	
Flow of Events:	
1) "website" receives from homepage the name of the dataset requested	
2) "website" starts the download of the file	
Postconditions:	
User can download and save the requested dataset	

Use Case:	Request possible Operations
ID:	3
Preconditions:	
User is in the homepage and select the function page	
Flow of Events:	
1) "website" asks for functions webpage	
2) "webpage" output functions page	
Postconditions:	
User can choose any functions to apply to datasets	

Use Case:	Functions (info, distict, evidence, correlation, related)
ID:	4,5,6,7,8,9,10,11
Preconditions:	
User asks for a specific function from menu bar or function page	
Flow of Events:	
1) "website" asks "mediator" for a specific function	
2) "mediator" calls "functions" to obtain the processed dataset by using the specific function	
3) "mediator" returns the dataset to "website"	
4) "website" shows the table	
Postconditions:	
User can see the resulting dataset in a webpage	

Use Case:	Download Results
ID:	12
Preconditions:	
User asks to download the results of a functions	
Flow of Events:	
1) "website" obtains the name of the operation performed and the table	
2) the table is converted to a tsv file	
3) "website" returns the file to the user which downloads it	
Postconditions:	
User can download and save the requested dataset	

Use Case:	Browse the Documentation
ID:	13
Preconditions:	
User goes in the documentation section	
Flow of Events:	
1) The user select the documentation	
2) "website" returns to the user the associated webpage	
Postconditions:	
User can review the documentation	

