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Use Cases for The UN Security Council Simulator

UC1: Introducing and Voting on Amendment

Primary Actor

- Ambassador

Stakeholders and Interests

- Ambassador: Can propose amendments and vote on them. They ultimately decide whether the amendment is added to the resolution or not.
- Chair: moderates what amendment goes to debate and when voting begins.

Preconditions

- Simulation has been created and started.

Postconditions

- A decision has been made on an amendment and the simulation continues.

Main Success Scenario

1. Country proposes the amendment.
2. The system alerts the Chair of proposed amendment.
3. The Chair then notifies the other Countries (using the system) of the proposed amendment.
4. The system allows Countries to vote on need for debate of the amendment.
5. Country ambassadors vote to debate on amendment. *[Alt 1: Country ambassadors vote to not debate on amendment,*
6. The system alerts the Countries and Chair of the debate vote results.
7. The system opens the debate channel for the amendment.
8. Country ambassadors debate on merits of amendment.
9. The Chair alerts the system to end the debate.
10. The system temporarily closes debate channel and allows country ambassadors to vote on the amendment.
11. Country ambassadors vote on amendment. *[Alt 2: Country ambassadors vote to not pass amendment]*
12. The system alerts the Countries and Chair of the vote results.
13. The system adds amendment to resolution/procedure.

14. Session continues. *[Use Case Ends]*

Alternative Flow

Alt 1: Country ambassadors vote to not debate on amendment

1. The system alerts the Countries and Chair of the debate vote results.
2. System discards amendment.
3. Flow resumes to Main Success Scenario Step 15.

Alt 2: Countries ambassadors vote to not pass amendment

1. The system alerts the Countries and Chair of the debate vote results.
2. System discards the change to the amendment.
3. Flow resumes to Main Success Scenario Step 15.

UC2: Vote Process

Primary Actor

- Ambassadors

Stakeholders and Interests

- ambassadors: Can vote on the outcome of the proposed motion.
- Chair: Can propose a motion and starts the voting process.

Preconditions

- Session has started, and a motion has been proposed to be voted on.

Postconditions

- The vote has concluded, and a decision on the proposed motion has been made.

Main Success Scenario

1. The system notifies the Countries of a vote on proposed motion.
2. The system allows Country ambassadors to vote on the proposed motion.
3. The system waits a preset time for a vote from each ambassador. [*Alt 1: Time Elapses and Users did not vote*]
4. The ambassadors vote to pass the proposed motion. [*Alt 2: Ambassadors vote to not pass the motion, Alt 3: Ambassadors vote to abstain from the motion, Alt 4: Ambassadors refuse(not present) to vote.*]
5. The system alerts the users and chair of the vote results.
6. The system passes the motion.[*ALT 5: the system does not pass the motion*]
7. Simulation continues. [*Use Case Ends*]

Alternative Flow

Alt 1: Time Elapses and Ambassador did not vote

1. The users decide to not vote at all.
2. The system records the country as not voting.

3. Flow resumes to Main Success Scenario Step 5.

Alt 2: Ambassador votes to not pass the motion

1. The ambassador votes to not pass the proposed motion.
2. The system sets the Country's vote to what the users decided on.
3. Flow resumes to Main Success Scenario Step 5.

Alt 3: Ambassador votes to abstain from the motion

1. The ambassador votes to abstain from the motion.
2. The system sets the Country's vote result.
3. Flow resumes to Main Success Scenario Step 5.

Alt 4: Ambassadors refuse(not present) to vote.

1. The Ambassador votes to not vote.
2. The system sets the Country's vote result.
3. Flow resumes to Main Success Scenario Step 5.

ALT 5: the system does not pass the motion]

1. The system discards the motion.
2. Flow resumes to Main Success Scenario Step 7.

UC3: Debate among Countries

Primary Actor

- Ambassadors

Preconditions

- Session has started, a debate has been voted on to occur.

Postconditions

- All Countries has disclosed all their opinions and arguments on the topic, and a vote is to occur.

Stakeholders and Interests

- Users: Supply the information for their country to present.
- Country: Presents its own points on the topic at hand.
- Chair: Moderates the flow of debate, and decides when debate ends.
- Admin: Can read all points and information being supplied.

Main Success Scenario

1. The system allows the motion-proposing Country ambassador to give their speech.
2. The Country ambassadors gives their argument(s) for discussion.
3. The system alerts all other users of the entered argument(s).

4. The system allows the ambassadors to propose their own opinion(s) or argument(s) on the topic.
5. A Country ambassador enters their opinion or argument to the topic. [*Alt 1: No country enters an argument*]
6. The system alerts all other users of the entered opinion or argument by the ambassador whose position is closest to the most recent speaker in a clockwise order.
7. The system allows ambassadors to propose their own opinion(s) or argument(s) on the topic.
8. No ambassador enters another opinion or argument to the topic. [*Alt 2: More arguments entered*]
9. The system closes debate channels. [*Use Case Ends*]

Alt 1: No country enters an argument

1. Flow resumes at Main Success Scenario step 9.

Alt 2: More arguments entered

1. A country enters their opinion or argument to the topic.
2. Flow resumes at Main Success Scenario step 6 .

UC4: Creating a User

Primary Actor

- Users

Stakeholders and Interests

- Users: Can create an account in the system.

Preconditions

- None

Postconditions

- A user account has been created and stored.

Main Success Scenario

1. User selects to register an account *[Alt 1: Minimum requirements not met]*
2. System prompts user to enter a username, password and optional student identification
3. User enters information
4. User submits the entered information
5. System records entered information
6. System checks if minimum requirements were met
7. System stores the recorded information. *[Alt 1: Minimum requirements not met]*
8. System logs user in and directs user to new page *[Use Case Ends]*

Alternative Flow

Alt 1: Minimum requirements not met

1. Flow resumes at Main Success Scenario step 2.

UC 5: Editing a User

Primary Actor

- Users

Stakeholders and Interests

- Users: Can their account in the system.

Preconditions

- User has created an account
- User is on their account information page.

Postconditions

- A user account has been modified and stored.

Main Success Scenario

1. User selects “Edit Profile” button.
2. System opens edit user page.
3. User makes changes in: first name, last name, email, and password.
4. System check user changes.*[ALT1: Email is wrong format, ALT2: Only one password was entered, ALT3: Password do not match.]*

5. System saves changes to user database.[Use Case Ends]

Alternative Flow

ALT1: Email is wrong format.

1. System sends user error message of correct format.
2. Go to step 3 in Main Success Scenario.

ALT2: Only one password was entered.

1. System sends user error message of which password needs to be entered.
2. Go to step 3 in Main Success Scenario.

ALT3: Password do not match.

1. System sends user error message that passwords do not match.
2. Go to step 3 in Main Success Scenario.

UC 6: Logging in

Primary Actor

- User

Stakeholders and Interests

- Users: Can log into system
- Admin: Can see whos logged in, and can control login credentials

Preconditions

- None

Postconditions

- A user has logged into the system, and their current session has begun.

Main Success Scenario

1. The User navigates to the simulator page
2. The system receives the page request, and responds with a log-in page *[Alt 1: User has previously logged-in]*
3. User enters credentials into “username” and “password” fields
4. The User clicks the “Log-in” button to log-in *[Alt 2: User presses Enter]*
5. The system pulls credentials from the fields, and checks their validity
6. Credentials validity is good, and the system responds with the home page *[Alt 3: Credentials are incorrect]*
7. User Session is created *[Use Case Ends]*

Alternative Flow

Alt 1: User has previously logged-in

1. Flow resumes at Main Success Scenario step 6

Alt 2: User presses Enter

1. Flow resumes at Main Success Scenario step 5

Alt 3: Credentials are incorrect

1. The system alerts the User of incorrect credentials
2. Flow resumes at Main Success Scenario step 2 (Until correct credentials are inputted)

UC 7: Create a simulation room

Primary Actor

- Moderator

Stakeholders and Interests

- Moderator: Can create a simulation room for participants to join.

Preconditions

- Moderator is logged in.

Postconditions

- A simulation room is created.

Main Success Scenario

1. Administrator clicks "Create New Room" button.
2. System requests a name for this room, registration deadline, simulation start date, and simulation end date
3. Administrator enters a name and click "Enter" button.
4. System receives the name and check if the name was already used *[Alt 1: name already*

used].

5. System creates a main room with the name entered, and 15 sub-rooms for each country inside

this main room.

6. System creates a database for this room to store room informations and resolutions.

7. System creates a communication channels for main room and 15 countries.

Alternative Flow

Alt 1: Name already used.

1. System requests to enter a different room.
2. Administrator enters another name.
3. Go to main success step 4.

UC 8 Profile Picture Upload

Primary Actor

- User

Stakeholders and Interests

- User: Upload photo to profile picture.

Preconditions

- A registered user.

Postconditions

- Photo is uploaded and displays on profile page.

Main Success Case

1. User loads Profile page.
2. User clicks“ Choose File”.
3. User selects a photo.
4. User clicks “Save Changes”
5. System save uploaded photo and displays it on profile page[*Use case ends*].

UC9: Open debate on a clause

Primary Actor

- Ambassadors
- Chair

Stakeholders and Interests

- Open a debate on a clause

Preconditions

- Meeting is on general debate

Postconditions

- A debate on a clause is opened

Main Success Scenario

1. An ambassador clicks “Flag Card” for speaking order.

2. Chair receives the request.
3. System puts this ambassador in speaking queue.
4. Chair assigns this ambassador to speak.
5. System removes this ambassador from speaking queue.
6. Ambassador clicks “Open debate” and choose a clause.
7. System send a vote request to other countries to vote on this clause.
8. Debate on this clause is open.

UC10 Sending a message to user(s)

Primary Actor

- Users

Stakeholders and Interests

- Users: Sends a message to one or more users and receives messages from other user(s).

Preconditions

- User has log into the simulation

Postconditions

- Message is sent to user

Main Success Case

1. User requests to compose a new message.
2. System opens a create message application.
3. User enters in recipient name(s), subject of message, the message, and attachments and submits.
4. System checks if recipient names are valid. (*ALT 1: Recipient(s) name not found.*)
5. System compresses and encodes the message and sends to recipients. (*ALT 2 message takes up too much memory, ALT 3 Message could not be sent*)
6. System closes create message application. [use case ends]

Alternate Flow

ALT 1: Recipient(s) name not found

1. System prints message that recipient(s) were not found.
2. Return to step 3 in Main Success Case.

ALT 2: message takes up too much memory

1. System prints message that message is to large.
2. Return to step 3 in Main Success Case.

ALT 3: Message could not be sent

1. System sends message to user that message could not be sent and offers user to resend message. (*ALT 4: User chooses not to resend*)

2. Return to step 5 in Main Success Case.

ALT 4: User chooses not to resend

1. Return to step 6 in Main Success Case.

UC 11 Creating/ Editing a Country Position Paper

Primary Actor

- User

Stakeholders and Interests

- User: Create and edit the position paper on behalf of the country/team.

Preconditions

- User is a delegate of the simulation

Postconditions

- Country's position paper was created and stored

Main Success Case

1. User opens Country Position Page.

2. System checks if user is a delegate of their country/team.(ALT1: *User is not a delegate*)
3. System enables text box to be edited.
4. User creates/edits the countries position and presses the “Save Changes” button.
5. System save country position in the position database and reloads the page with the country position.[USE CASE ENDS]

Alternate Flow

ALT1: *User is not a delegate.*

1. System does enable the text box to be edited.[USE CASE ENDS]

UC 12 Viewing all Country Position Papers

Primary Actor

- User

Stakeholders and Interests

- User: Can read other country position papers

Preconditions

- A simulation has been created and the user has joined the simulation.

Postconditions

- User can view all country position papers.

Main Success Case

1. User opens all Country's Position Page.
2. System checks if user is a chair or moderator of the simulation .(ALT1: *User is a chair or moderator of that simulation*)
3. System checks if today's date is after the start date of the simulation.(ALT2: *Today's date is before starting date*)
4. System loads all Country's Position Page for user.[Use case ends]

Alternate Flow

ALT1: *User is a chair or moderator of that simulation.*

1. Go to step 4 in Main success Case.

ALT2: *Today's date is before starting date.*

1. System messages user that they cannot see the country positions.
2. Returns user to main page. [use case ends]

UC 13 Add New Resolution

Primary Actor

- Moderator

Stakeholders and Interests

- Moderator: Add a new resolution to current simulation.

Preconditions

- Moderator is in a simulation room.

Postconditions

- A new resolution is add to current simulation room.

Main Success Case

1. Moderator clicks “ADD RESOLUTION” .
2. System loads add resolution page.
3. Moderator types in resolution name, scenario, and clauses.
4. Moderator clicks “Add Another Clause” to add another clause box in this page.
5. System adds another clause box in this page.
6. Moderator submit this resolution by clicking “Add Resolution”.(*ALT1: resolution name is used, ALT2: resolution or scenario box is blank*)
7. System directs moderator to Resolution Main page.[Use case ends]

Alternate Flow

ALT1: Resolution name is used.

1. System alerts that this resolution name is already used.
2. Moderator enters another name.
3. Go to step 6 in Main Success Case.

ALT2: Resolution name or scenario box is blank.

1. System alerts to fill in resolution name or scenario field.
2. Moderator fill that field.
3. Go to step 6 in Main Success Case.

UC 14 Add a Directive to a Country

Primary Actor

- Moderator

Stakeholders and Interests

- Moderator: Add a directive to a country

Preconditions

- Simulation room has been created
- Moderator is in Edit Simulation

Postconditions

- A directive was created for a country

Main Success Case

1. User selects ratio button for selecting a country and writes the directive in the text box and submits.(ALT 1: *Country was not selected.* ALT 2: *Directive was not entered*)
2. System take imputed values and stores them in the database.[end User Case}

Alternate Flow

ALT 1: *Country was not selected.*

1. System sends out error to user screen.
2. Return to main success case step 1.

ALT 2: *Directive was not entered*

1. System sends out error to user screen.
2. Return to main success case step 1.

UC 15 Submitting an Amendment to Chair

Primary Actor

- Ambassador

Stakeholders and Interests

- Ambassador: Submit an amendment to the chair on behalf of their country.

Preconditions

- Simulation has started

Postconditions

- An amendment has been added to the list to be voted on

Main Success Case

1. System loads all resolution clause to view.
2. User selects clause number.(ALT 1:*User selects “New Clause”*)
3. System loads the resolution clause selected and hides the add button
4. User makes changes to clause and presses the Edit button(ALT 2: *User presses Remove*, ALT 3: *User press the back button.*)
5. System saves amendment request to database for Chair or Moderator to approve or decline. [*Use case ends*]

Alternate Flow

ALT 1: *User selects “New Clause”*

1. System hides the edit and remove button.
2. User writes the clause they wish to add and presses the add button(ALT 3: *User press the back button.*)
3. Go to Main Success Case step 5.

ALT 2: *User presses Remove button*

1. Go to Main Success Case step 5.

ALT 3:*User press the Back button*

1. System ignores input values and goes to debate page.

UC 16 Voting on Resolution

Primary Actor

- Ambassadors

Stakeholders and Interests

- Ambassadors: Vote on behave of their country whether to pass or not pass the resolution

Preconditions

- Current Date is End simulation Date

Postconditions

- Resolution has been pass or discarded.

Main Success Case

1. System Notifies all users that the simulation is ending and time to place their vote on the resolution within a time/day limit.
2. Ambassador votes.(ALT 1: *Ambassador represents a permanent country and votes no*)
)
3. System records ambassadors vote and waits for the other ambassadors to vote.
4. When all votes are entered, system tallies the votes and show all user the results.[Use Case Ends]

Alternate Flow

ALT 1: *Ambassador represents a permanent country and votes no*

1. System notifies all users the ambassador has used veto and resolution fails.

UC 17 Elect Ambassador

Primary Actor

- Country Members

Stakeholders and Interests

- Country Members: vote on a country member to be the ambassador of this country.

Preconditions

- Users have been assigned to a country

Postconditions

- A country member gets enough votes and becomes the ambassador of this country.

Main Success Case

1. Country member clicks “ Select Ambassador” on Dashboard page.
2. Country member selects a member and clicks “Vote”(ALT1: *Current country member has voted*).
3. A country member gets enough votes, system sets this country member to be the ambassador of this country(ALT2:*No one gets enough votes*).
4. System resets all votes to 0.
5. System notifies users the new ambassador[*Use case ends*].

Alternate Flow

ALT 1: Current country member has voted.

1. This country member can not vote again.
2. After every member votes, this member can vote on a new ambassador.

ALT 2: No one gets enough votes.

1. No country member gets enough votes to be an ambassador.
2. System reset votes.
3. System notifies users no ambassador is elected and vote again.

UC 18: Edit a simulation room

Primary Actor

- Moderator

Stakeholders and Interests

- Moderator: Can edit a simulation room.

Preconditions

- Moderator is logged in.
- The simulation room has already been created

Postconditions

- Changes made to simulation room were saved

Main Success Scenario

1. System opens edit simulation page.
2. Moderator changes one or more of the following: simulation room name, registration deadline, simulation start date, simulation end date, simulation chair. [*ALT 1: Moderator chooses to pick country ambassadors, ALT2: Moderator chooses to add/edit country(s) directive.*]
3. Moderator chooses to sort users at deadline to register date. [*ALT3: Moderator chooses to instantly sort users to countries, ALT4: Moderator chooses to manually sort users to countries.*]

4. System checks modified values.[*ALT5: Simulation room name is already in use, ALT6: Registration date is before current date, ALT7: Registration date is after Start date, ALT8: Registration is after End date. ALT9: Starting date is after End date.*]
5. System saves edited values into the Simulation database.

Alternative Flow

ALT 1: Moderator chooses to pick country ambassadors

1. System redirects to the edit ambassador page.
2. Moderator makes changes and presses the save button.
3. system stores the changes made.
4. Return to Main Success Scenario step 1.

ALT2: Moderator chooses to add/edit country(s) directive.

1. System redirects to the add/edit country directive page.
2. Moderator makes changes and presses the save button.
3. system stores the changes made.
4. Return to Main Success Scenario step 1.

ALT3: Moderator chooses to instantly sort users to countries

1. The system will add users that are currently in the simulation to countries.
2. Return to Main Success Scenario step 1.

ALT4: Moderator chooses to manually sort users to countries

1. System shows a menu on the bottom of the page to sort users manually into countries.
2. Moderators makes the wanted changes and presses the save changes button.
3. Return to Main Success Scenario step 4.

ALT5: Simulation room name is already in use.

1. System sends user message error that simulation name is in use.
2. Go to step 2 in Main Success Scenario.

ALT6: Registration date, or End date is before current date.

1. System sends user message error that date must come after todays date.
2. Go to step 2 in Main Success Scenario.

ALT7: Registration date is after Start date.

1. System sends user message error that Registration date must come before Start date.
2. Go to step 2 in Main Success Scenario.

ALT8: Registration is after End date.

1. System sends user message error that Registration date must come before End date.
2. Go to step 2 in Main Success Scenario.

ALT9: Starting date is after End date.

1. System sends user message error that Starting date must come before End date.
2. Go to step 2 in Main Success Scenario.

UC 19 Manual Sort Users

Primary Actor

- Moderator

Preconditions

- Moderator is in a simulation room.

Postconditions

- Users are sorted to countries.

Main Success Case

1. Moderator loads 'Edit Room' page.
2. Moderator selects 'Manual Sort'.
3. Moderator selects a user to add to this country.*[ALT1: remove a user]*
4. Moderator clicks "Save Changes".
5. System remove users from country or add users to this country*[Use case ends]*

ALT1: Remove a user from a country.

1. Moderator selects a country.
2. Moderator selects a user to remove from this country.
3. Go to step 6 in Main Success Case.

UC 20 Add Newsfeed

Primary Actor

- Moderator

Preconditions

- Moderator is in a simulation room.

Postconditions

- Newsfeed is added.

Main Success Case

1. System loads Newsfeeds Add page.
2. Moderator enters newsfeed title.
3. Moderator selects url as the type of newsfeed.*[Alt1: content as newsfeed type]*
4. Moderator enters url path and clicks “Save”.
5. System save newsfeed to database.

ALT1: Content as newsfeed type.

1. Moderator selects content as the type of newsfeed.
2. Go to step 4 in Main Success Case.