

Solicitação de Mudança 01

Adicionar um novo tipo de missão (*Investigation*), que aciona um grupo de peritos para investigar as causas de um acidente. O cenário abaixo ilustra o comportamento de Execute Investigation para um produto com as seguintes features (apenas as features relevantes estão sendo apresentadas):

- Missions (Investigation)
- Period to Conclude (30)

Scenario SC06: Execute investigation

Description: After a previous assignment, this scenario requests an investigation of the causes of the accident. Moreover, the leader of the investigation team might inform the system preliminarily results of the investigation.

User Action	System Response
The Leader of the Investigation Team (LIT) acknowledges the mission assignment to the CMS.	CMS sends information about the crisis (type, severity, location, existing surveillance resources) to the LIT .
-	CMS retrieves the list of available fact-finders.
-	CMS requests LIT to assign fact-finders to the current issue.
The LIT assigns some of the available fact-finders to the issue.	CMS notifies the selected fact-finders about the issue.
-	CMS requests transporting for bringing the selected fact-finders to the car crash location.
At the car crash location, the LIT informs the procedures taken to collect evidences about the causes of the car crash.	CMS requests an estimated time to conclude the investigation.
The LIT informs the estimated time (30 business days as default) to conclude investigations.	CMS reports the information to the system coordinator.
-	CMS requests preliminarily data about the investigation.
The LIT informs the preliminarily results of the investigation.	CMS updates crisis information by providing preliminarily investigation data.
-	CMS updates the log file, registering all relevant actions performed for concluding this mission.
-	CMS updates the statistics data about crisis handling.

Solicitação de Mudança 02

Incluir um comportamento opcional que notifica ocorrências e procedimentos às instituições interessadas. Essa solicitação de mudança requer um novo cenário, que possibilita adicionar as instituições interessadas nas ocorrências capturadas pelo sistema. Tal cenário é descrito a seguir.

Scenario SC07: Notify External Institutions

Description: This scenario allows the coordinator to register new external institutions, which should be notified of any relevant occurrence.

User Action	System Response
The coordinator selects the Register Interested Institutions option.	CMS presents the list of registered institutions and opens a form that allows the coordinator to register a new institution.
The coordinator fills in the required information.	CMS requests the URL used to send a message in order to notify issues to the new institution.
The coordinator fills in the server URL.	CMS asks the coordinator if a test message should be sent to the new institution.
The coordinator selects the proceed option.	CMS sends the test message to the informed URL.
-	CMS waits until the test response and checks the interaction with the institution was correctly established.
-	CMS informs the test result to the coordinator and asks the coordinator to confirm the operation.
The coordinator selects the proceed option.	CMS register the new institution, which will be notified of relevant occurrences reported to the system.

Além do cenário descrito anteriormente, a feature de notificação requer que um comportamento adicional seja iniciado **após a coleta das ocorrências e após a conclusão de cada uma das missões (mas antes do registro de LOG ser feito)**. Ou seja, o comportamento em destaque nas especificações (parciais), descritas a seguir, deve estar presente nos produtos que têm essa feature habilitada.

Impacto dessa feature na coleta das ocorrências (alguns passos foram omitidos):

User Action	System Response
...	...
Coordinator selects one or more missions recommended by the system.	For each selected mission, the CMS assigns internal and external resources so as to properly solve the crisis.
	CMS retrieves the list of institutions that should be notified about this type of occurrences.
	CMS sends a message for each institution interested in this type of occurrence.

Impacto dessa feature nas missões (alguns passos foram omitidos, mas todas as missões devem suportar o comportamento opcional em destaque. **Tal comportamento ocorre antes do registro de LOG de cada missão**):

User Action	System Response
...	...
	CMS retrieves the list of institutions that should be notified about this type of occurrences.
	CMS sends a message for each institution interested in this type of occurrence.
-	CMS updates the log file. registering all relevant actions performed for concluding this mission.
-	CMS updates the statistics data about crisis handling.

Solicitação de Mudança 03

Adicionar um novo tipo de região de cobertura cujo serviço de transporte das vítimas é efetuado exclusivamente por um órgão governamental. **Essa solicitação de mudança torna opcional algumas interações com o serviço hospitalar- a reserva de quartos e a definição de um hospital mais apropriado só está disponível em produtos configurados nas regiões remotas ou locais; não estando disponíveis quando a região é definida dentro dos limites governamentais.**

Scenario SC03: Execute transport mission

Description: After a previous assignment, this scenario allows the crisis analyst to monitor the process of transporting possible victims of the car crash. **Note:** Depending on the region (local, remote, or government) the transport can be either by helicopter, by ambulance or assigned to a government service.

User Action	System Response
The Government First Aid Department (GFAD) acknowledges the mission assignment to the CMS.	CMS sends detailed information about the car accident (severity and location) to the GFAD.
-	CMS requests information about the public hospital where the victims will be transferred.
The <i>GFAD</i> informs the destination hospital.	CMS updates the crisis data and notifies the Coordinator.
-	After receiving a notification of the Hospital External System, CMS notifies the Coordinator that the victims had arrived at the hospital.
The coordinator request the CMS to finish the corresponding mission.	CMS finishes the transporting mission.
-	CMS updates the log file, registering all relevant actions performed for concluding this mission.
-	CMS updates the statistics data about crisis handling.

Solicitação de Mudança 04

Incluir um comportamento opcional nas missões de resgate (Rescue). Esse comportamento opcional possibilita que os paramédicos informem a identidade dos feridos para o sistema. Com base nessas informações, o sistema recupera o histórico médico dessas pessoas; o que permite um melhor atendimento durante os primeiros socorros. O cenário abaixo ilustra o comportamento de *Execute Rescue Mission* para um produto com as seguintes features (apenas as features relevantes estão sendo apresentadas):

- Mission (Rescue, ...)
- Victims Identification

Scenario SC04: Execute rescue mission

Description: After a previous assignment, this scenario allows the crisis analyst to monitor the process of first aid procedures.

User Action	System Response
The First Aid Leader acknowledges the mission assignment to the CMS.	CMS presents detailed information (possible number of victims, location, transporting data) about the car crash.
-	CMS presents a list of first aid collaborators that are present.
The First Aid Leader selects one or more collaborators to send to the car crash location.	CMS sends a beep message to the selected collaborators.
-	CMS request transporting for bring the selected collaborators to the car crash location.
At the car crash location, if applicable the First Aid Leader sends the identification of (some) victims.	CMS interacts with the Hospital External System, requesting medical history of identified victims.
-	If some historical data was found, CMS sends the medical history of identified victims to the First Aid Leader.
The First Aid Leader informs each medical procedure that had been taken at the car crash location.	CMS reports the information to the system coordinator.
The First Aid Leader informs the CMS to finish the corresponding mission.	CMS finishes the rescue mission.
-	CMS updates the log file. registering all relevant actions performed for concluding this mission.
-	CMS updates the statistics data about crisis handling.