Android Patient Tracker

Use-Case Model

Version <1.0>

Revision History

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| --- | --- | --- | --- |
| **Date** | **Version** | **Description** | **Author** |
| <19/03/2018> | <1.0> | First vision of the use case model | Albert Erika-Timea |
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Use-Case Model

# Use-Cases Identification

***Use case: Log in***

***Level: user-goal level***

***Primary actor: Medical Worker***

***Main success scenario: -the user enters username and password***

***-the user presses Log In button***

***- in case of correct data entered the application’s authorized area is available***

***Extensions: - log in data incorrect - try again***

***-data inaccessible because of system failure – return later***

***Use case: Add patient***

***Level: user-goal level***

***Primary actor: Medical Worker***

***Main success scenario: -in the authorized area select from Menu the Add patient option***

***-enter patient general data: name, age, social security number, symptoms, date***

***- in case of complete data patient is added***

***Extensions: -database inaccessible because of system failure – return later***

***Use case: Search patient***

***Level: user-goal level***

***Primary actor: Medical Worker***

***Main success scenario: -enter in the search bar the patient’s name and identifier***

***-press magnifying glass icon***

***- in case of correct data entered the patient’s data is available***

***Extensions: - patient data incorrect - try again (same if no existent patient with given data)***

***-data inaccessible because of system failure – return later***

***Use case: View history***

***Level: user-goal level***

***Primary actor: Medical Worker***

***Main success scenario: - in the authorized area, from the patient’s profile select History from the menu***

***-data is being displayed***

***Extensions: -data inaccessible because of system failure – return later***

***Use case: Enter detail***

***Level: user-goal level***

***Primary actor: Doctor***

***Main success scenario: -press Add on patient’s profile***

***-select category***

***-add information***

***-press Allow Modification***

***-data is added to the database***

***Extensions: - data is incomplete - try again***

***-data inaccessible because of system failure – return later***

***Use case: Enter diagnosis***

***Level: sub-function***

***Primary actor: Doctor***

***Main success scenario: -press Add on patient’s profile***

***-select Disease category***

***-change or add information, including date***

***-press Allow Modification***

***-data is added to the database***

***Extensions: - data is incomplete - try again***

***-data inaccessible because of system failure – return later***

***Use case: Enter treatment***

***Level: user-goal level***

***Primary actor: Doctor***

***Main success scenario: -press Modify on patient’s profile***

***-select Treatment category***

***-change or add information, including date***

***-press Allow Modification***

***-data is added to the database***

***Extensions: - data is incomplete - try again***

***-data inaccessible because of system failure – return later***

***Use case: Change data***

***Level: user-goal level***

***Primary actor: Doctor***

***Main success scenario: -press Modify on patient’s profile***

***-change the desired information (name, social security number etc.)***

***-press Allow Modification***

***-data is added to the database***

***Extensions: - data is incomplete - try again***

***-data inaccessible because of system failure – return later***

[Identify actors, scenarios and use cases. Describe the three most important use-cases according to the following format:

***Use case: <use case goal>***

***Level: <one of: summary level, user-goal level, sub-function>***

***Primary actor: <a role name for the actor who initiates the use case>***

***Main success scenario: <the steps of the main success scenario from trigger to goal deliverye following format:>***

***Extensions: <alternate scenarios of success or failure>***

]

# UML Use-Case Diagrams

[Create the UML Use-Case Diagrams.]