1. **Change request log**
2. **Team**

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1. **Change Request**

Change order [FEMR-186](https://teamfemr.atlassian.net/browse/FEMR-186) the “Treatment Given” field needs to be renamed to “Procedure/Counseling” should also change the name in the tab\_fields table to reflect the new name.

1. **Concept Location**

|  |  |  |
| --- | --- | --- |
| Step # | Description | Rationale |
| 1 | While in the FEMR application, we paged through to Medical | We recall seeing a treatment tab in the medical tab. |
| 2 | Found “treatment” tab and the “Treatment Given” is found on the page | Note this is where change should be displayed |
| 3 | As we were already in the code from the previous change order we used the IDE’s search functionality to search for “Treatment Given” | We were trying to find where in the code the text was in |
| 4 | The text was found in the treatmentTab.template.scala class | Note that this is where the change should be made |
|  |  |  |
| 5 | Looked at the database at the tab\_fields table and saw what should be changed there | The table was mentioned in the change request, so we decided to look at it  Note that this should be changed. |

**Time spent (in minutes):** 20

**Impact Analysis**

|  |  |  |
| --- | --- | --- |
| Step # | Description | Rationale |
| 1 | We looked at the treatmentTab.template.scala class where the “Treatment Given” text to "Procedure/Counseling" | To track the classes that could be impacted by the change. |
|  |  |  |
|  | What classes were related to this change? | None, the change was to a html file |
|  |  |  |
| 4 | The treatmentTab.template.scala class where the “Treatment Given” text to "Procedure/Counseling" | This class was marked as needing to be changed for this change request |

**Time spent (in minutes):** 15

1. **Prefactoring (optional)**

Using the table below, describe each step you followed to prefactor the code. Include as many details as possible, including the refactoring operations used (e.g., move method, extract class, etc.) and classes/methods/fields that were modified, added, removed, renamed, etc.

|  |  |  |
| --- | --- | --- |
| Step # | Description | Rationale |
| 1 | Looked at database table for tab\_fields and joined to table tab | Why is this table mentioned in the change request |
| 2 | Observe the mapping of the query to the screen | Determine what to do to the tab\_fields,  The change request is not referring to the “tab” table which has the work Treatment. |
| 3 |  |  |
| 4 |  |  |
| 5 |  |  |

**Time spent (in minutes):** 5

1. **Actualization**

Using the table below, describe each step you followed when changing the code. Include as many details as possible, including why classes/methods were modified, added, removed, renamed, etc.

|  |  |  |
| --- | --- | --- |
| Step # | Description | Rationale |
| 1 | We went to the treatmentTab.template.scala class where the “Treatment Given” text was and changed it to "Procedure/Counseling" | It was the goal of the change request |
| 2 | Looked in database at the tab\_fields to look for the “Treatment Given” text and it did not change it | Because it did not make sense to change data here |
| 3 | We compiled our change and tested that our change displayed on the expected screen | To verify our change was done and worked |
| 4 | We committed our changes with git. | Just in case we need to revert our changes. |

**Time spent (in minutes):** 30

1. **Postfactoring (optional)** Using the table below, describe each step you followed to postfactor the code. Include as many details as possible, including the refactoring operations used (e.g., move method, extract class, etc.) and classes/methods/fields that were modified, added, removed, renamed, etc.

|  |  |  |
| --- | --- | --- |
| Step # | Description | Rationale |
| 1 |  |  |
| 2 |  |  |
| 3 |  |  |
| 4 | ... |  |

**Time spent (in minutes):** 0

1. **Validation**

Using the table below, describe any validation activity (e.g., testing, code inspections, etc.) you performed for this change request. Include the description of each test case, the result (pass/fail) and its rationale.

|  |  |  |
| --- | --- | --- |
| Step # | Description | Rationale |
| 1 | Test case defined: in the treatment tab there should be “Procedure/Counseling" instead of “treatment given”  Inputs: n/a  Expected output: The text “Procedure/Counseling" | This is what is not working before the change request and should throw an error message after our fix  The test passed. |

**Time spent (in minutes):** 30

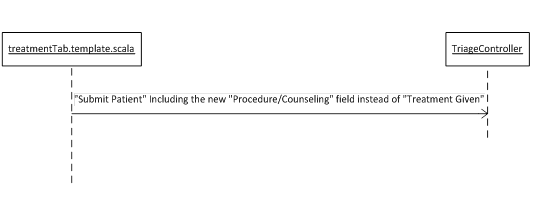
1. **Timing**

Summarize the time spent on each phase.

|  |  |
| --- | --- |
| Phase Name | Time (in minutes) |
| Concept location | 20 |
| Impact Analysis | 15 |
| Prefactoring | 5 |
| Actualization | 30 |
| Postfactoring |  |
| Verification | 15 |
| Total | 175 |

1. **Reverse engineering**

Create a UML sequence diagram (or more if needed) corresponding to the main object interactions affected by your change.





1. **Conclusions**

For this change request, there was less struggle than the previous change request as we had become slightly more familiar with the application. We were able to use our previous knowledge of what we had seen in a previous run through that helped us faster identify where the item that needed to be changed was located. The change was relatively easy as it was just a text change in the treatment tab. We had looked at the tab\_fields table and decided the change did not make sense to be made there.

Classes and methods changed:

* ui/views/partials/medical/ treatmentTab.template.scala