

## RK-A - Support #1570

### Reduce the time taken by `get_candidates_for_variant` function after modifications for matching a hyphenated word with a header without hyphen

08/30/2021 04:58 AM - Nandini Bansal

<b>Status:</b>	Closed	<b>Start date:</b>	08/30/2021
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>		<b>% Done:</b>	100%
<b>Category:</b>		<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	P1	<b>Spent time:</b>	0.00 hour

#### Description

For the Library Reference book, it is observed that after making the above changes of Issue [#1544](#), the time taken by the `get_candidates_for_variant` has increased significantly. We need to make sure that the overall increase in time is not so significant. For this, you would have to, first of all, identify the cause of the time increase. You can make use of the "time" library to identify taken by different components of code in the new addition.

I suspect two reasons:

1. regex check
2. calling `generate_candidates`. Can we call `candidate_variant_distance_calculation` directly inside `get_candidates_for_variant`?

#### History

**#1 - 09/13/2021 07:11 AM - Nandini Bansal**

- % Done changed from 0 to 100

**#2 - 10/13/2021 12:29 PM - Anonymous**

- Status changed from New to Resolved

**#3 - 10/20/2021 08:38 AM - Nandini Bansal**

- Status changed from Resolved to Closed