SUMMARY

7. According to a first aspect of the present disclosure, there is provided a method for monitoring quality control of an application, comprising: identifying one or more files that are affected by a proposed change initiated by a user, the proposed change being initiated by a change request, the change request being a merge request comprising data relating to the one or more files and information provided by the user relating to the proposed change, the information further indicating user details relating to the user and a description provided by the user explaining the proposed change, wherein the identification is based on the data; determining an impact area of the application that is affected by the proposed change based on the identified one or more files and the information; and merging the merge request with source code of the application based on a check whether the information is in the merge request.

8. According to a second aspect of the present disclosure, there is provided a system for monitoring quality control of an application, the system comprising: at least one processor; and at least one memory including computer program code; the at least one memory and the computer program code configured to, with the at least one processor, cause the system at least to: identify one or more files that are affected by a proposed change initiated by a user, the proposed change being initiated by a change request, the change request being a merge request comprising data relating to the one or more files and information provided by the user relating to the proposed change, the information further indicating user details relating to the user and a description provided by the user explaining the proposed change, wherein the identification is based on the data; and determine an impact area of the application that is affected by the proposed change based on the identified one or more files and the information; and merge the merge request with source code of the application based on a check whether the information is in the merge request.

CLAIMS

What is claimed is:

1. A method for monitoring quality control of an application, comprising:

identifying one or more files that are affected by a proposed change initiated by a user, the proposed change being initiated by a change request, the change request being a merge request comprising data relating to the one or more files and information provided by the user relating to the proposed change, the information further indicating user details relating to the user and a description provided by the user explaining the proposed change, wherein the identification is based on the data;

determining an impact area of the application that is affected by the proposed change based on the identified one or more files and the information; and

merging the merge request with source code of the application based on a check whether the information is in the merge request.

2. The method according to claim 1, wherein the step of determining the impact area comprises:

identifying an impacted business vertical based on the identified 1 or more files, and determining the impact area based on the impacted business vertical.

3. The method according to claim 2, the method further comprising:

generating a report relating to the change request, and

storing the report in a dashboard database based on the impacted business vertical and the user details.

4. The method according to claim 1, further comprising:

monitoring one or more databases for a notification relating to failure of the application to function properly, the notification comprising information indicating details of the failure and indicating a file and an owner of the file that is related to the failure;

determining a severity level of the failure by checking the information with an analytics platform; and

reporting the notification and determined severity level to one or more users.

5. The method according to claim 4, wherein the monitoring is done on a periodic basis, further comprising:

generating, for a period of monitoring, a report documenting any notification relating to failure of the application to function properly found during the period of monitoring.

6. The method according to claim 1, further comprising:

identifying one or more devices based on the determined impact area, and

generating a report indicating the identified devices.

7. The method according to claim 6, further comprising:

performing regression testing for the determined impact area for the application on the identified devices, and

generating a report documenting any issues during the regression testing.

8. A system for monitoring quality control of an application, the system comprising:

at least one processor; and

at least one memory including computer program code;

the at least one memory and the computer program code configured to, with the at least one processor, cause the system at least to:

identify one or more files that are affected by a proposed change initiated by a user, the proposed change being initiated by a change request, the change request being a merge request comprising data relating to the one or more files and information provided by the

user relating to the proposed change, the information further indicating user details relating to the user and a description provided by the user explaining the proposed change, wherein the identification is based on the data;

determine an impact area of the application that is affected by the proposed change based on the identified one or more files and the information; and

merge the merge request with source code of the application based on a check whether the information is in the merge request.

9. The system according to claim 8, further configured to:

identify an impacted business vertical based on the identified 1 or more files, and determining the impact area based on the impacted business vertical.

10. The system according to claim 9, the system further configured to:

generate a report relating to the change request, and

store the report in a database based on the impacted business vertical and the user details.

11. The system according to claim 8, further configured to:

monitor one or more databases for a notification relating to failure of the application to function properly, the notification comprising information indicating details of the failure and indicating a file and an owner of the file that is related to the failure;

determine a severity level of the failure by checking the information with an analytics platform; and

report the notification and determined severity level to one or more users.

12. The system according to claim 11, wherein the monitoring is done on a periodic basis, the system further configured to:

generate, for a period of monitoring, a report documenting any notification relating to failure of the application to function properly found during the period of monitoring.

13. The system according to claim 8, further configured to:

identify one or more devices based on the determined impact area, and

generate a report indicating the identified devices.

14. The system according to claim 13, further comprising:

perform regression testing for the determined impact area for the application on the identified devices, and

generate a report documenting any issues during the regression testing.