**Change Request Document**

What is Change Request?

A change request is a formal document that describes the alterations that are proposed for a product or a system by a client or another team member.

Impact analysis has three aspects:

1. Understand the possible implications of making the change. Change often produces a large ripple effect. Stuffing too much functionality into a product can reduce its performance to unacceptable levels.
2. Identify all the files, models, and documents that might have to be modified if the team incorporates the requested change.
3. Identify the tasks required to implement the change, and estimate the effort needed to complete those tasks.

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| **Change Request** | |
| **Project: SkillUP** | **Date: 01-06-2021** |
| **Change Requestor: Internal** | **Change No: 1** |
| **Change Category (Check all that apply):**  □ Schedule □ Cost □ Scope □ Requirements/Deliverables  □ Testing/Quality □ Resources | |
| **Does this Change Affect (Check all that apply):**  □ Corrective Action □ Preventative Action □ Defect Repair □ Updates  □ Other | |
| **Describe the Change Being Requested:**  The cloud database service should be changed. | |
| **Describe the Reason for the Change:**  The cost for storing the data in the cloud database was high and it had reached the max credit limit provided to us, so there was a need to change our database service. | |
| **Describe all Alternatives Considered:**  Using the datasets in ADO.net was one alternative, but then again connecting it to WebAPI’s would be challenging and also the team considered to use IBM cloud database service, but the team did not get the credits to use the database. | |
| **Describe any Technical Changes Required to Implement this Change:**  We needed to change the dependency packages, DB connection string, migrations for Mysql database. | |
| **Describe Risks to be Considered for this Change:**  Currently we are using a free service provided by digital ocean but in future they might stop providing the service to serve our database. | |
| **Estimate Resources and Costs Needed to Implement this Change:**  Mysql database, 8hr of effort. | |
| **Describe the Implications to Quality:**  Quality of the product won’t be affected by this change. | |
| **Disposition:**  **□** Approve □ Reject □ Defer | |
| **Justification of Approval, Rejection, or Deferral:**  The change was needed as the costing for Azure was high. All the factors are well evaluated to apply  change. | |