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**PROJECT TITLE : PRICE CALCULATOR FOR GOPADDLE**

**ABSTRACT :**

**goPADDLE:**

goPaddle is a devops platform for application design and deployments in cloud. It is optimized for Google Cloud, thus making authentication, on-boarding micro-services and cluster provisioning simple and seamless for Google Cloud Developers. goPaddle provides a powerful yet simple designer interface, that developers can use to drag drop components to create micro-service designs and generate container/cluster specifications on the fly. These designs can then be deployed on to Google Container Engine (GKE) or to a cluster of their choice. Developers can leverage Google Container Registry (GCR) or use Docker Hub for storing/retrieving the container images. As these features signify, goPaddle has moved the infrastructure management hassles away from the developers, while the developers can focus on building their applications.

The project entitled “PRICE CALCULATOR FOR GOPADDLE” is focused on calculating the predicted cost of goPaddle usage so that users can subscribe to an optimal pricing plan. gopaddle pricing is calculated on a month-on-month basis, based on the utlization of the platform. If the user has a fair idea of the application build and cloud deployments performed in a month, he/she can calculate the predicable cost of using the platform. This will help them to compare their spending with respect to other competitive solutions in the market.