SMA Negeri 1 Lubukpakam is a public school in Lubukpakam located in the city of Medan, North Sumatera, precisely at Dr.Wahidin Lubukpakam street. In order to facilitate the students and teachers to borrowing of logistics to support teaching and learning activities, SMAN 1 Lubukpakam create logistical tool borrowing system. In the process of borrowing the tools of logistics there are some problems on paper recording system used by the office. Because of that the office need a web-based application of logistics borrowing that can facilitate all the problem. This application built with waterfall method used PHP programming, used mysql as database server as well. The user of this application are admin, student, teacher, and head master.

Keywords: SMA Negeri 1 Lubuk Pakam, Applications, Web, Borrowing of logistics.