**Habib University – DSA Project**

**Project Name:** Lucid Stalker

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**PROJECT MEMBERS**

* Muhammad Salman Abid
* Muhammad Ammar Khan
* Hassan Naseem

**OVERVIEW**

Our proposal is to create an interface and the inside functions of an application using different algorithms which will help us in building the mechanism of an application that would mostly be used in libraries, DVD shops or even Community Centre’s.

**GOALS**

1. Helping the members in getting acquainted.
2. Giving recommendations to the member according to their past purchases.

**SPECIFICATION OF OUR PROJECT**

We intend to use maps in creating the links between the members and to save their records (mainly via weight additions), which would help us in getting a data structure for our mechanism to work on. Furthermore, we will use sorting and search algorithms to create new links and to cover up the recommendation part.