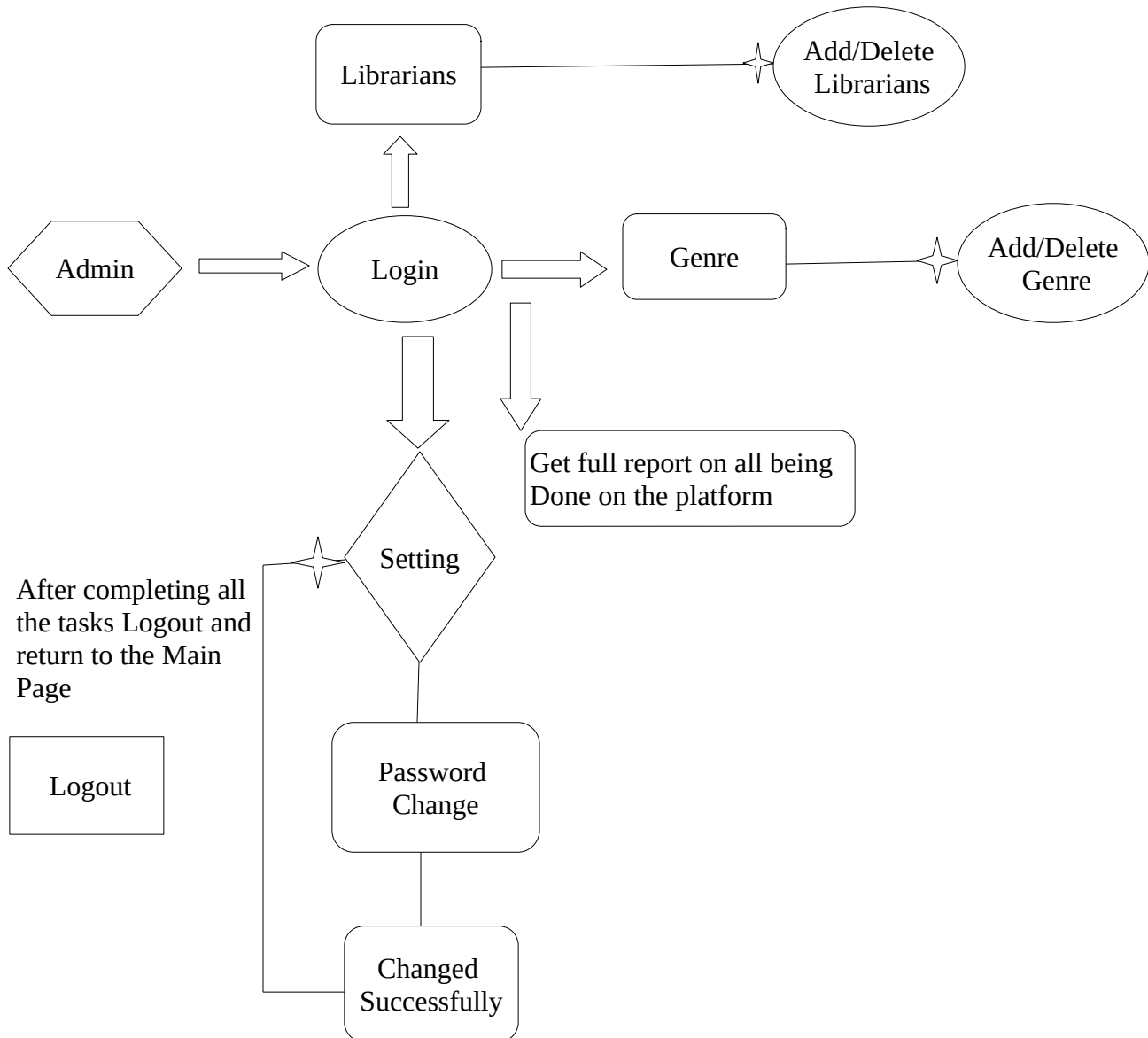


Fields and Attributes 3NF

Entities	Attributes	Relationship
User	<ul style="list-style-type: none">• user_ID• user_name• user_email• user_password	
Librarian	<ul style="list-style-type: none">• librarian_ID• librarian_name• librarian_email• librarian_password	
Book	<ul style="list-style-type: none">• book_ID• book_title• book_author• book_year• book_summary• genre_ID• librarian_ID• book_added	<ul style="list-style-type: none">- A book can be downloaded by many users (M : M).- Many books can be added by one librarian (M : 1)
Download	<ul style="list-style-type: none">• download_ID• user_ID• book_ID	<ul style="list-style-type: none">- A book can be downloaded by many users (M : M)
Genre	<ul style="list-style-type: none">• genre_ID• genre_name	
Admin	<ul style="list-style-type: none">• admin_ID• admin_name• admin_email• admin_password	
rating	<ul style="list-style-type: none">• rating_ID• rating_star• user_ID• book_ID	<ul style="list-style-type: none">- One book can be rated by many users (M : M)
Subscription	<ul style="list-style-type: none">• subscription_ID• subscription_email	

DATA FLOW DIAGRAM

Data Flow Diagram for admin Login



USE CASE DIAGRAM FOR USER

