

Database Lab Mandate-2

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1 Conceptual Model

This section contains the description of the conceptual model.

The following are the entity types in the conceptual model

1. **IP committee** - A group of individuals who either accept or reject a creation as an IP asset. IP committee will draft an IP policy and licensing agreement for the IP asset.
2. **Creation** - An entity that has been led for an IP asset.
3. **IP Asset** - Intangible property that is the result of creativity such as a patent, copyright etc. ¹
4. **Admin** - A person appointed by IIITB to handle the royalty and liabilities on the IP asset. Administrator will input the royalties and liabilities for each IP asset. He can also make changes to the IP Committee.
5. **User** - It refers to a person that is availing the facilities of the portal.
6. **Licensee** - The holder of a license.

The conceptual model is as follows

¹oxford dictionary: <http://www.oxforddictionaries.com/definition/english/intellectual-property>

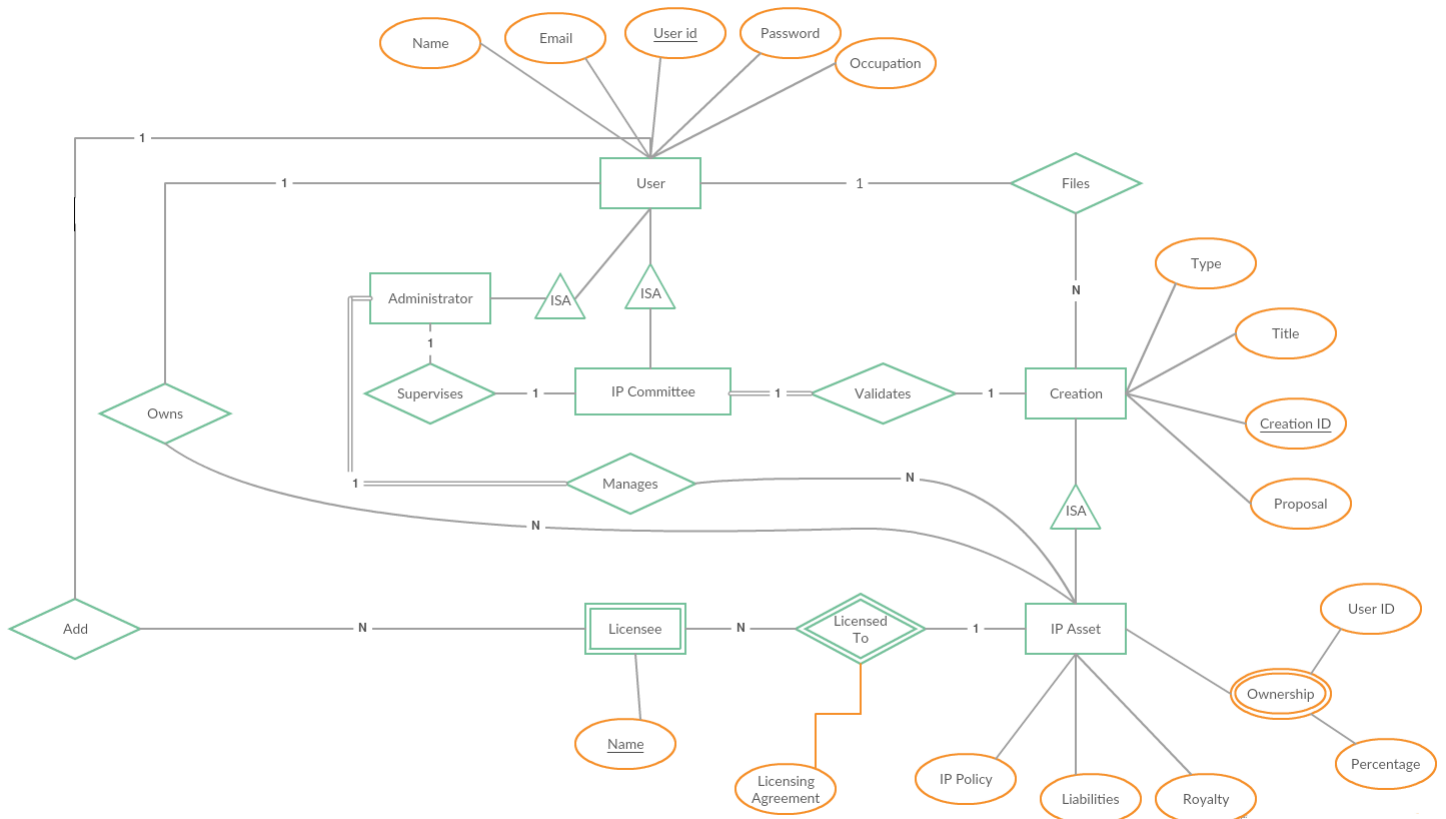


Figure 1: Conceptual Model

2 Workflows

The workflows for our portal are as follows

2.1 Login and Register Workflow

Description	Actors/Roles	States
Workflow for logging in and registering on the portal	New Users	Login Page
	User	Register Page
	Guest	Email Verification
		Recognized
		Display Homepage
		Display Public IP asset

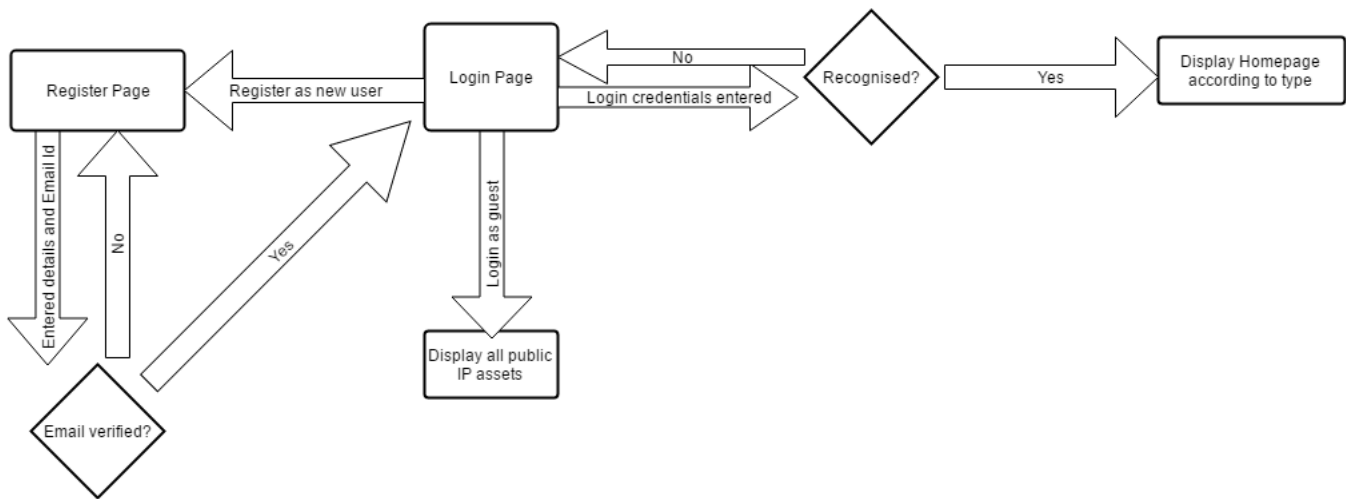


Figure 2: Login and Register Workflow

2.2 IP Asset Filling Workflow

Description	Actors/Roles	States
Workflow for filling a new IP Asset	Users	Enter New Creation
	IP Committee	IP Committee reviews
		Approved
		Creation Becomes IP Asset

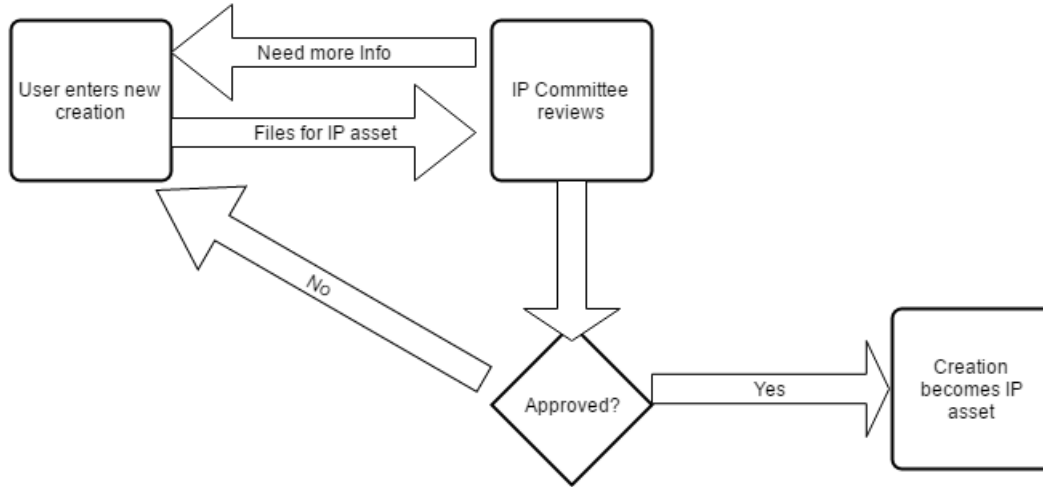


Figure 3: IP Asset Filling Workflow

2.3 Managing Royalty Workflow

Description	Actors/Roles	States
Workflow for managing the Royalties and Liabilities of an IP asset	Administrator	Admin Selects an IP asset
		Enter Royalties or Liabilities
		Check for Error
		Values Updated

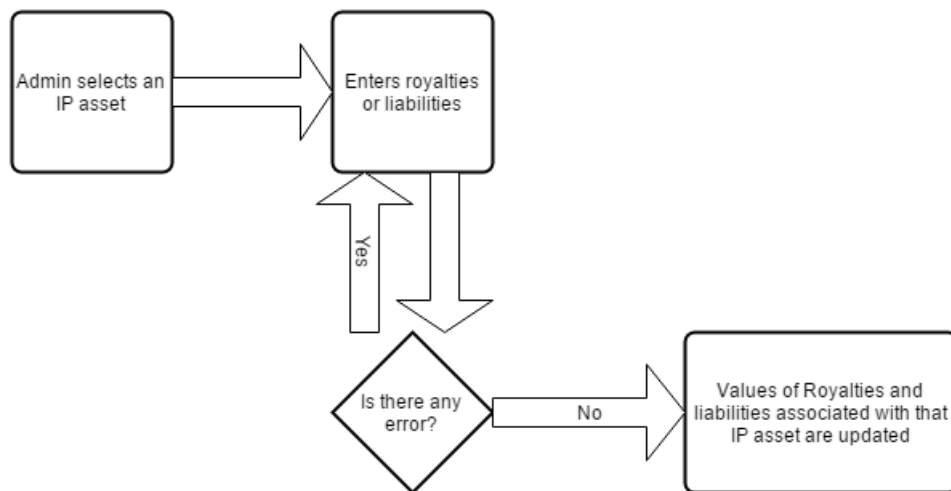


Figure 4: Managing Royalty Workflow

2.4 Changing IP Committee Workflow

Description	Actors/Roles	States
Workflow for changing IP Committee	Administrator	Admin Request for Changing IP Committee
		Selection of new IP Committee
		Updates IP Committee

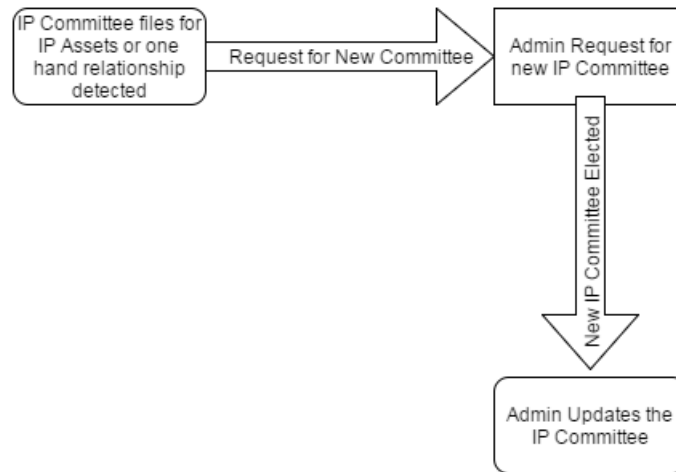


Figure 5: Changing IP Committee

2.5 Adding Licensee

Description	Actors/Roles	States
Licensee are added to the IP Asset	User	User selects IP Asset
		User Enters the Details of Licensee
		Licensee Added



Figure 6: Changing IP Committee