

SYNOPSIS OF RDBMS PROJECT

WILDLIFE MANAGEMENT

PROJECT MEMBERS:

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CONTENTS

- Problem Definition
- Project Description
- ER Diagram
- Relational Schema
- Requirements

Problem Definition:

Wildlife includes a wide variety of animals and birds. It is very difficult to keep track of all these animals and birds in details. This application helps in structured storage and easy retrieval of the details of each of these animal species.

Many wildlife enthusiasts can use this application as their wildlife dictionary and they can add their own information and sightings of these animals.

Project Description:

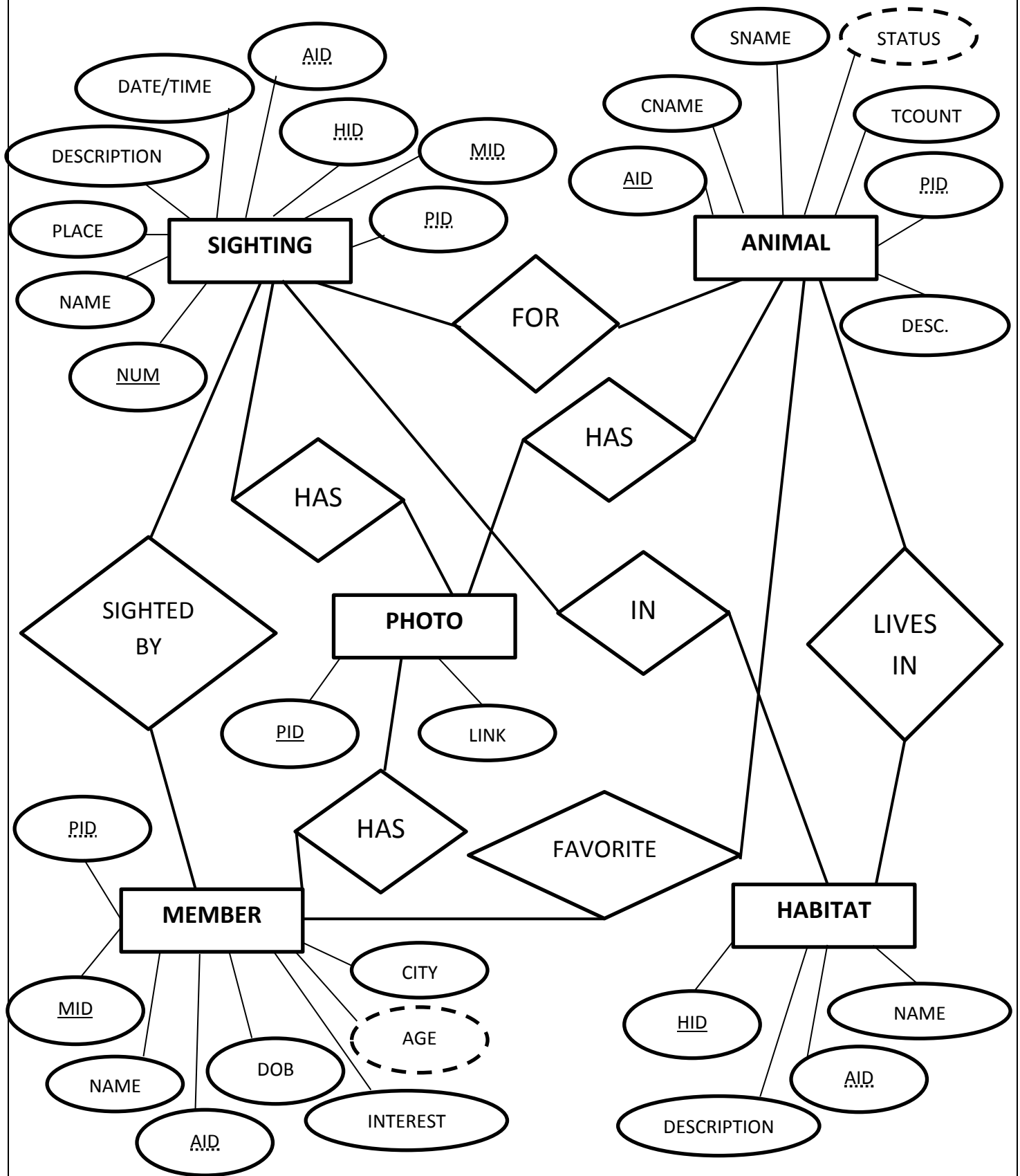
Wildlife Management application provides easy to use GUI for the storage and retrieval of the details of all the animal species. This is facilitated by storing the details of the animals and the habitats. These details are added by the administrator. He has the options to add, modify and delete animals and habitats. He also has the power to add, modify and delete members and the member sightings.

Member's details are stored in a separate relation. These members are added by the administrator. They have the option to upload the photos and descriptions of the animals that they have sighted. They also have the options to search the database. They can search for the complete details of an animal. The search can be based on the animal name or habitat. They can also search for their sightings and other member's sightings. They have an option to add, modify and delete their sightings.

General users other than the members can search for an animal and get the complete detail about it.

This way the application facilitates easy storage and retrieval of the details of animals and their sightings. The easy to use GUI makes this application user friendly.

ER Diagram:



Relational Schema:

MEMBER

MID	NAME	DOB	AGE	CITY	INTEREST	AID	PID
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ANIMAL

AID	CNAME	SNAME	DESCRIPTION	PID	T COUNT	STATUS
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HABITAT

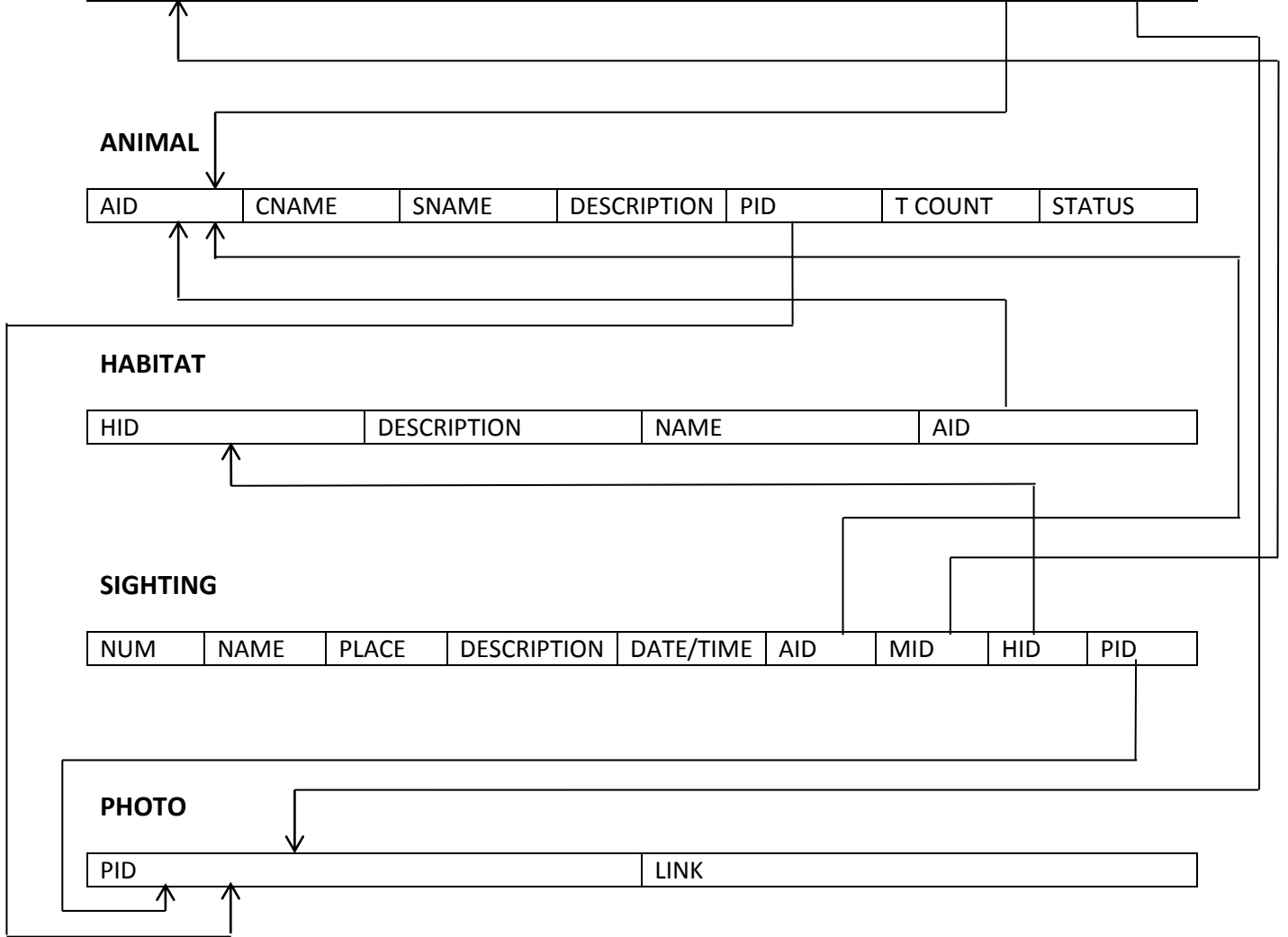
HID	DESCRIPTION	NAME	AID
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SIGHTING

NUM	NAME	PLACE	DESCRIPTION	DATE/TIME	AID	MID	HID	PID
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PHOTO

PID	LINK
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Requirements:

Software Requirements:

- Microsoft SQL Server management 2000
- .Net framework development tools
- Microsoft Visual Studio 2005

Hardware Requirements:

- `Intel Dual Core' and later
- 2GB of free space in hard disk
- 512 MB RAM