Group 3 - Database

User

PK	UserID	INTEGER
FK	WhichAdminApp	INTEGER
U	Email	TEXT
	FirstName	TEXT
	LastName	TEXT
	City	TEXT

Report

PK	ReportID	INTEGER
FK	UserID	INTEGER
FK	ScenarioID	INTEGER
	Date	DATE
	Description	TEXT
	WantCredit	BOOLEAN

Who Registered for What

PK,FK	UserID	INTEGER
PK,FK	ScenarioID	INTEGER
	Approved	BOOLEAN

Report Files

FK	ReportID	INTEGER
U	FileMD5	TEXT

Admin

PK	AdminID	INTEGER
	FirstName	TEXT
	LastName	TEXT

Scenario

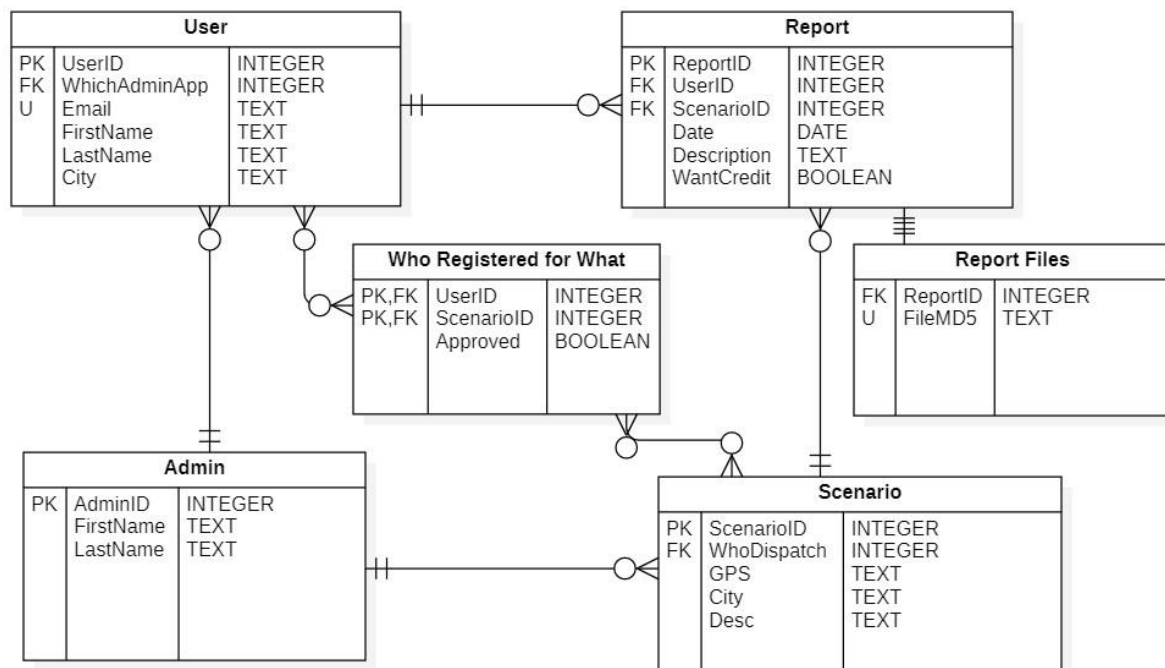| PK	ScenarioID	INTEGER
FK	WhoDispatch	INTEGER
	GPS	TEXT
	City	TEXT
	Desc	TEXT

User – regular user, volunteer

1) User ID – not revealed to client, used to identify quickly on servers. (pk)
2) WhichAdminApp – which of the authorized administrator accounts authorized this user's registration. (fk-admin)
3) Email – unique, used to send users messages, and also as a login method.
4) First & Last Name – to give users credit if they want it.
5) City – in case users don't want to use GPS locations on app.

Admin – higher degree user who is not a volunteers

1) AdminID – used to identify them for the service.(pk)
2) First & Last Name – to identify them for external services. Only seeable by admins.

Scenario – The event call sent out by an admin

1) ScenarioID – used to identify a unique scenario. (pk)
2) WhoDispatch – which administrator created this scenario. (fk-admin)
3) GPS – coordinates string to be used by GPS-enabled volunteers.
4) City – value to be pulled by GPS-disabled volunteers.
5) Desc – short text description of the event for volunteers to know what to take pics of

Report – The report made by a single user for one scenario

1) ReportID – used to identify unique reports.(pk)
2) UserID – used to identify the user who sent the report. (fk-user) (can be PK with ScearioID?)
3) ScenarioID – used to identify the scenario it reports on. (fk-scenario)
4) Date – when the report was received by the server.
5) Description – short description written by user of the event.
6) WantCredit – whether or not the user wants their name written on the report.

<u>Who Registered for What</u> –which users decided to register for which scenario

1) UserID – used to identify the user (fk-user, pk alongside ScenarioID)
2) ScenarioID – used to identify the scenario (fk-scenario, pk alongside UserID)
3) Approved – state of the their report being accepted by an admin or not.

<u>Report Files – used to identify which files belong to each user report</u>

1) ReportID – report's identifier (fk-report)
2) FileMDS – file checksum to find on other server.