

## Users

UserID (pk)	Unique ID of user
UserName	Name of user
Useremail	Email addy of user (must be valid)
Password	Password of user
ver_code	Verification code used during registration
verified	Has the user been registered and verified?

## UserProfiles

UserID (pk)	ID of user whose profile this is
ThemeChoice	Interface Theme the user is using (n.a.)
MetaDataID	ID for relation to other tables

## Types

ID (pk)	Unique ID of this project type
TypeName	Name to represent this type

## Projects

ProjectID (pk)	Unique ID of this project
Deleted	Has the project been deleted

## Phases

PhaseID (pk)	The unique ID of the phase
TypeID	The type associated with this phase
PhaseName	The name of this phase

## Messages

MessageID (pk)	The unique ID of the message
SessionID	ID of session when message was sent
SessionUserID	ID of user who sent the message
MessageText	Text of message

## PhaseTimes

ID (pk)	The unique ID of this event
ProjectID	The ID of the project
PhaseID	The ID of the phase
StartTime	Start time of phase period
StopTime	Stop time of phase period
notes	Notes on the reason for the change.

## Sessions

ID (pk)	The unique ID of this record
SessionID	The ID of the session
SessionIdentifier	The unique token generated by the session

## SessionUsers

ID (pk)	The unique ID of this record
SessionID	The ID of the session
UserID	The ID of the user in the session
SessionStart	The start time of the session
SessionEnd	The end time of the session

## UserMessages

ID (pk)	The unique ID of this record
MessageID	ID of message
ReceivedDate	Date which message was received
ReadDate	Date at which message was read
IsRead	Has the message been read

## UserRole

ID(pk)	Unique ID record
UserID	ID of user
UserRoleID	ID of Role assigned to user (auto = client)

## Roles

Role ID (pk)	Unique ID of record/role
RoleName	Name of User role

## Examples

System Administrator
Moderator (work approval)
Financial controller
Production
Production Assistant
Client
Casual TPS user (Checkers, potential clients...)

## SystemPermissions

ID	Unique ID of record
PermissionID	ID of permission
PermissionName	Name of Permission
PermissionParent	Parent of this permission
PermissionChild	Child of this Permission

## RolePermissions

ID	Unique ID of record
RoleID	ID or role which is granted the permission
PermissionID	ID of Permission to grant

\* Add to Database

## Fields

FieldID	Unique ID of this field/record
FieldName	Name of this Field
FieldType	The Type of this field (textual)

## FieldValues

ID	The Unique ID of this record
ProjectID	The ID of the Project
FieldID	The ID of the Project field
FieldValue	The Value of the field

## Optional table

## ProjectTypeFields

ID	Unique ID of this record
ProjectTypeID	ID of Project type for which to add this field
FieldID	ID of field to add to projects of this type.

- Projects will have editable field layouts, which are chosen on a per-project basis
- Fields can be assigned to project types at setup, or at will.
- Provide a setup GUI which will guide the user through the setup process (Wizard interface)
- System administrators will be able to add new project types and choose their fields.
- Administrators will be able to add Project Fields (and their types) at any time, and add these fields to Project Types at any time, although this will result in eventual consistency, it says nothing for the initial state of the database.