

SQL Schema

```
CREATE TABLE `image_table` (  
  `image_id` int(11) NOT NULL,  
  `user_id` int(11) DEFAULT NULL,  
  `post_id` int(11) DEFAULT NULL,  
  `image_path` varchar(255) DEFAULT NULL,  
  `upload_date` timestamp NOT NULL DEFAULT current_timestamp() ON UPDATE  
current_timestamp()  
) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4_general_ci;
```

```
CREATE TABLE `login_table` (  
  `login_id` int(11) NOT NULL,  
  `user_id` int(11) DEFAULT NULL,  
  `login_time` timestamp NOT NULL DEFAULT current_timestamp() ON UPDATE  
current_timestamp(),  
  `logout_time` timestamp NOT NULL DEFAULT current_timestamp(),  
  `first_name` varchar(50) DEFAULT NULL,  
  `last_name` varchar(50) DEFAULT NULL,  
  `birthdate` datetime DEFAULT NULL  
) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4_general_ci;
```

```
CREATE TABLE `post_like` (  
  `like_id` int(11) NOT NULL,  
  `user_id` int(11) DEFAULT NULL,  
  `post_id` int(11) DEFAULT NULL,  
  `like_time` timestamp NOT NULL DEFAULT current_timestamp()  
) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4_general_ci;
```

```
CREATE TABLE `user_post` (  
  `post_id` int(11) NOT NULL,  
  `user_id` int(11) NOT NULL,  
  `post_content` text NOT NULL,  
  `created_at` timestamp NOT NULL DEFAULT current_timestamp() ON UPDATE  
current_timestamp(),  
  `updated_at` timestamp NOT NULL DEFAULT current_timestamp()  
) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4_general_ci;
```

```
CREATE TABLE `user_register` (  
  `user_id` int(11) NOT NULL,  
  `username` varchar(50) NOT NULL,
```

```

`email` varchar(100) NOT NULL,
`password_hash` varchar(255) NOT NULL,
`first_name` varchar(50) NOT NULL,
`middle_name` varchar(255) NOT NULL,
`last_name` varchar(50) NOT NULL,
`birthdate` datetime NOT NULL,
`created_at` timestamp NOT NULL DEFAULT current_timestamp() ON UPDATE
current_timestamp(),
`updated_at` timestamp NOT NULL DEFAULT current_timestamp(),
`authorization_token` varchar(32) DEFAULT NULL,
`application_name` varchar(25) DEFAULT NULL
) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4_general_ci;

```

```

ALTER TABLE `image_table`
  ADD PRIMARY KEY (`image_id`),
  ADD KEY `user_id` (`user_id`),
  ADD KEY `post_id` (`post_id`);

```

```

--
-- Indexes for table `login_table`
--

```

```

ALTER TABLE `login_table`
  ADD PRIMARY KEY (`login_id`),
  ADD KEY `user_id` (`user_id`);

```

```

--
-- Indexes for table `post_like`
--

```

```

ALTER TABLE `post_like`
  ADD PRIMARY KEY (`like_id`),
  ADD KEY `user_id` (`user_id`),
  ADD KEY `post_id` (`post_id`);

```

```

--
-- Indexes for table `user_post`
--

```

```

ALTER TABLE `user_post`
  ADD PRIMARY KEY (`post_id`),
  ADD KEY `user_id` (`user_id`);

```

```

--
-- Indexes for table `user_register`
--

```

```

ALTER TABLE `user_register`

```

```

    ADD PRIMARY KEY (`user_id`);

--
-- AUTO_INCREMENT for dumped tables
--

--
-- AUTO_INCREMENT for table `image_table`
--
ALTER TABLE `image_table`
  MODIFY `image_id` int(11) NOT NULL AUTO_INCREMENT, AUTO_INCREMENT=15;

--
-- AUTO_INCREMENT for table `user_post`
--
ALTER TABLE `user_post`
  MODIFY `post_id` int(11) NOT NULL AUTO_INCREMENT, AUTO_INCREMENT=59;

--
-- AUTO_INCREMENT for table `user_register`
--
ALTER TABLE `user_register`
  MODIFY `user_id` int(11) NOT NULL AUTO_INCREMENT, AUTO_INCREMENT=43;

--
-- Constraints for dumped tables
--

--
-- Constraints for table `image_table`
--
ALTER TABLE `image_table`
  ADD CONSTRAINT `fkImage_post` FOREIGN KEY (`post_id`) REFERENCES `user_post`
  (`post_id`) ON DELETE CASCADE ON UPDATE CASCADE,
  ADD CONSTRAINT `fkImage_userId` FOREIGN KEY (`user_id`) REFERENCES
  `user_register` (`user_id`) ON DELETE CASCADE ON UPDATE CASCADE;

--
-- Constraints for table `post_like`
--
ALTER TABLE `post_like`
  ADD CONSTRAINT `fkLike_postId` FOREIGN KEY (`post_id`) REFERENCES `user_post`
  (`post_id`) ON DELETE CASCADE ON UPDATE CASCADE,
  ADD CONSTRAINT `fkLike_userId` FOREIGN KEY (`user_id`) REFERENCES
  `user_register` (`user_id`) ON DELETE CASCADE ON UPDATE CASCADE;

```

```
--  
-- Constraints for table `user_post`  
--  
ALTER TABLE `user_post`  
  ADD CONSTRAINT `fkUserId` FOREIGN KEY (`user_id`) REFERENCES `user_register`  
  (`user_id`) ON DELETE CASCADE ON UPDATE CASCADE;  
COMMIT;
```