**2조**

**SQL 정의서**

**Willstagram**

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**-회원가입/로그인**

회원 등록/수정/계정 비활성화/조회/팔로워/이미지삽입/중복체크/스크롤 (MEMBER)

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| **메서드명** | **SQL 쿼리문** | **설명** |
| 회원가입 | INSERT INTO MEMBER VALUES (#{mId},#{mPass},#{mName},#{mEmail},#{mPhone},#{mImage},#{mRetire}) |  |
| 프로필 이미지 삽입 | MERGE INTO MEMBER USING DUAL ON (mId = #{mId}) WHEN MATCHED THEN UPDATE SET mImage = #{mImage} |  |
| 회원정보 로딩 | "SELECT m.mId, m.mPass, m.mName, m.mEmail, m.mPhone, m.mImage, (select count(\*) from follow x where x.midyou = m.mId) as followerCount, (select count(\*) from follow x where x.mid = m.mId) as followingCount FROM MEMBER M WHERE m.mId=#{mId}" |  |
| 친구추천(랜덤로딩5건) | "SELECT \* FROM (SELECT m.mId, m.mPass, m.mName, m.mEmail, m.mPhone, m.mImage, (select count(\*) from follow x where x.midyou = m.mId) as followerCount, (select count(\*) from follow x where x.mid = m.mId) as followingCount FROM MEMBER M WHERE MID NOT IN (SELECT MIDYOU FROM FOLLOW WHERE MID = #{mId}) ORDER BY DBMS\_RANDOM.RANDOM) WHERE ROWNUM < 6" |  |
| 팔로우 없는 회원정보 로딩 | SELECT mId, mPass, mName, mEmail, mPhone, mImage, mRetire FROM MEMBER WHERE mId=#{mId} |  |
| 회원정보 수정 | UPDATE MEMBER SET mId=#{mId}, mPass=#{mPass}, mName=#{mName}, mEmail=#{mEmail}, mPhone=#{mPhone}, mRetire=#{mRetire} WHERE mId=#{mId} |  |
| 계정 비활성화 | UPDATE MEMBER SET mRetire = #{mRetire} WHERE mEmail=#{mEmail} |  |
| 계정 활성화 | SELECT count(\*) cnt FROM MEMBER WHERE mId=#{mId} |  |
| 아이디 중복체크 | SELECT count(\*) cnt FROM MEMBER WHERE mId=#{mId} |  |
| 비밀번호 일치 여부 | SELECT count(\*) cnt FROM MEMBER WHERE mPass=#{mPass} |  |
| 아이디 찾기 | SELECT mId FROM MEMBER WHERE mEmail=#{mEmail} and mName=#{mName} |  |
| 비밀번호 찾기 | SELECT mPass FROM MEMBER WHERE mId=#{mId} and mEmail=#{mEmail} |  |
| 임시비밀번호 발급 | UPDATE MEMBER SET mPass=#{mPass} WHERE mId=#{mId} |  |

**-회원 활동**

1) 포스트 작성/삭제/수정/show/hide/좋아요/이미지업로드/(POST, POST\_IMAGE, MEMBER)

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| **메서드명** | **SQL 쿼리문** | **설명** |
| 포스트 작성 | INSERT INTO POST VALUES (#{pNo}, #{mId}, #{pTitle}, #{pContents}, #{hasTag}, 0, sysdate, 'A') |  |
| 컨텐츠 이름 | INSERT INTO POST\_IMAGE VALUES(#{pNo}, #{fileName}) |  |
| 포스트 show/hide | UPDATE POST set status = #{status} WHERE pNo = #{pNo} |  |
| 포스트 조회 수 | UPDATE POST SET PVIEWCOUNT = PVIEWCOUNT + 1 WHERE PNO = #{pNo} |  |
| 포스트 삭제 | DELETE FROM POST WHERE pNo = #{pNo} |  |
| 포스트 이미지 삭제 | DELETE FROM POST\_IMAGE WHERE pNo = #{pNo} |  |
| 포스트 한 개의 전체 컨텐츠 | select pno, filename from post\_image WHERE pNo = #{pNo} |  |
| 좋아요 | INSERT INTO LIKES VALUES(#{pNo}, #{mIdYou}) |  |
| 좋아요 삭제 | DELETE LIKES WHERE PNO = #{pNo} AND MIDYOU = #{mIdYou} |  |
| 기존 좋아요 체크 | SELECT COUNT(\*) FROM LIKES WHERE PNO = #{pNo} AND MIDYOU = #{mIdYou} |  |

2) 댓글 작성/수정/삭제/일부조회/전체조회/view증가(COMMENTS, POST, MEMBER)

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| **메서드명** | **SQL 쿼리문** | **설명** |
| 1개 포스트 댓글 전체 조회 | SELECT count(\*) FROM comments WHERE pNo = #{pNo} |  |
| 댓글 작성 | INSERT INTO comments(cNo, pNo, mId, cContents, recNo) VALUES (comments\_number\_seq.NEXTVAL, #{pNo}, #{mId}, #{cContents}, 0) |  |
| 댓글의 댓글 작성 | INSERT INTO comments(cNo, pNo, mId, cContents, recNo) VALUES (comments\_number\_seq.NEXTVAL, #{pNo}, #{mId}, #{cContents}, #{recNo}) |  |
| 댓글 수정 | UPDATE comments SET cContents = #{cContents} WHERE cNo = #{cNo} |  |
| 댓글 작성 시 view 증가 | UPDATE post SET pViewCount = pViewCount + 1 WHERE pNo = #{pNo} |  |
| 댓글 삭제 | DELETE FROM comments WHERE cNo = #{cNo} |  |
| 댓글 조회 | SELECT cNo, pNo, mId, cContents, cTime FROM comments WHERE cNo = #{cNo} |  |
| 댓글 전체 조회 | SELECT cNo, pNo, mId, cContents, cTime FROM comments |  |

3) DM

채팅방 생성 요청(DM, DM\_CONTENTS, MEMBER)

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| **메서드명** | **SQL 쿼리문** | **설명** |
| 채팅방 전체 목록 출력 | "SELECT d.dmNo, d.mId, to\_char(dmDate,'MM/DD') as dmDate, (SELECT m.mImage FROM member m WHERE m.mId IN((SELECT d.mId FROM DM WHERE m.mId = d.mId))) as mImage,  (SELECT count(dmChatRead) as dmChatReadCount FROM dm\_contents dmc WHERE dmc.dmSenderId != #{mId} AND dmc.dmChatRead = 0 AND d.dmNo = dmc.dmNo) as dmChatReadCount FROM dm d WHERE d.mId != #{mId} AND d.dmNo IN(SELECT DMNO FROM DM WHERE mId = #{mId}) ORDER BY dmChatReadCount DESC" | 전체 목록 출력 |
| 생성된 마지막 채팅방 번호 조회 | SELECT DM\_NUMBER\_SEQ.currval FROM dual | 생성된 마지막 채팅방 번호 조회 |
| 로그인한 사람의 채팅방 출력 | "SELECT dmNo, mId, mIdYou, to\_char(dmDate,'MM/DD') as dmDate FROM dm WHERE dmNo = #{dmNo}" | 로그인한 사람의 채팅방 출력 |
| 채팅방 유저 수정 | "UPDATE dm SET mId = #{mId}, mIdyou = #{mIdYou}, dmDate = sysdate WHERE dmNo = #{dmNo}" | 채팅방 유저 수정 |
| 상대 채팅방 생성 | "INSERT INTO dm(dmNo, mId, dmDate) VALUES(#{dmNo}, #{mId}, sysdate)" | 상대 채팅방 생성 |
| 첫 채팅방 생성 | "INSERT INTO dm(dmNo, mId, dmDate) VALUES(dm\_number\_seq.nextval, #{mId}, sysdate)" | 첫 채팅방 생성 |
| 채팅방 삭제 | "DELETE FROM dm WHERE dmNo = #{dmNo}" | 채팅방 삭제 |

4) 팔로우

팔로우/언팔로우 (FOLLOW, MEMBER)

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| **메서드명** | **SQL 쿼리문** | **설명** |
| 팔로우하기 | INSERT INTO FOLLOW VALUES(#{mId},#{mIdYou}) |  |
| 언팔하기 | delete from follow where mId =#{mId} and mIdYou =#{mIdYou} |  |
| 내가 팔로우하고 있는 사람들 보기 | select f.mid, f.midyou, m.mname, m.memail, m.mphone, m.mimage from follow f inner join member m on f.mid = m.mid where f.mid =#{mId} |  |
| 나를 팔로우 하고 있는 사람들 보기 | select f.mid,f.midyou, m.mname, m.memail, m.mphone, m.mimage from follow f inner join member m on f.midYou = m.mid where f.midyou =#{mId} |  |
| 내가 팔로우 한 사람들 수 | select count(\*) as followingcount from follow where mId =#{mId} |  |
| 나를 팔로우 한 사람들 수 | select count(\*) as followersCount from follow where mIdYou =#{mId} |  |
| 팔로우 체크 | select count(\*) as followCheck from follow where mId=#{mId} and mIdyou=#{mIdYou} |  |
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5) 유저 목록 & 유저 검색 (Member)

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| **메서드명** | **SQL 쿼리문** | **설명** |
| 유저프로필 목록 | SELECT A.\* FROM(SELECT mid, mname, mimage FROM member ORDER BY mid) A WHERE rownum < 13 |  |
| 유저 프로필 스크롤 | SELECT A.\* FROM(SELECT rownum, mid, mname, mimage FROM member WHERE mid > #{lastId} ORDER BY mid)A WHERE rownum < 13 |  |
| 유저 검색 | SELECT A.\* FROM(SELECT mid, mname, mimage FROM member where mid like '%${search}%' or mname like '%${search}%' ORDER BY mid) A WHERE rownum < 13 |  |
| 유저 검색 스크롤 | SELECT A.\* FROM(SELECT rownum, mid, mname, mimage FROM member where mid > #{lastId} ORDER BY mid) A WHERE rownum < 13 AND mid like '%${search}%' or mname like '%${search}%' |  |