Member

Model::Class Diagram

MemberService
+deleteMember(MemberVO vo)
+updateMember(MemberVO vo)
+searchConditionMap(): Map<string,string>
+insertMember(MemberVO vo)
+checkId(MemberVO vo)
+rememberMe(MemberVO vo)
+findById(MemberVO vo)
+findByPwd(MemberVO vo)
+getMemberList(MemberVO vo)

MemberDAO
+deleteMember(MemberVO)
+updateMember(MemberVO)
+insertMember(MemberVO)
+checkId(MemberVO vo)
+rememberMe(MemberVO vo)
+findById(MemberVO vo)
+findByPwd(MemberVO vo)
+getMemberList(MemberVO vo)

MemberVO
-mNum: int
-mEmail: String
-mPassword: String
-mName: String
-mNickname: String
-mPoint: int
-m_pic: MultipartFile
-mJoinDate: Timestamp
-searchCondition: string
-searchKeyword: string
-mLatitude: double
-mLongitude: double
-memberMarketing: string
+getMemberList: string

MemberController
-memberService: MemberService
+deleteMember(MemberVO): String
+updateMember(MemberVO): String
+searchConditionMap(): Map<string,string>
+insertMember(MemberVO): String
+checkId(MemberVO vo)
+rememberMe(MemberVO vo)
+findById(MemberVO vo)
+findByPwd(MemberVO vo)
+getMemberList(MemberVO vo)

MemberServiceImpl
-memberDAO: MemberDAO
+deleteMember(MemberVO)
+updateMember(MemberVO)
+searchConditionMap(): Map<string,string>
+insertMember(MemberVO vo)
+checkId(MemberVO vo)
+rememberMe(MemberVO vo)
+findById(MemberVO vo)
+findByPwd(MemberVO vo)
+getMemberList(MemberVO vo)

MemberDAOImpl
-mybatis: SqlSessionTemplate
+deleteMember(MemberVO)
+updateMember(MemberVO)
+insertMember(MemberVO)
+checkId(MemberVO vo)
+rememberMe(MemberVO vo)
+findById(MemberVO vo)
+findByPwd(MemberVO vo)
+getMemberList(MemberVO vo)

Interface, Interface11

InquiryVO
-iNum: int
-iTitle: string
-iContent: string
-iType: string
-iState: string
-iAnswer: string
-iRegDate: date
-mNum: int
-searchCondition: string
-searchKeyword: string
-itmg: MultipartFile

InquiryController
-inquiryService: InquiryService
+getInquiryList(InquiryVO vo): string
+writeInquiry(InquiryVO vo): string
+updateInquiry(InquiryVO vo): string
+deleteInquiry(InquiryVO vo): string
+getInquiry(InquiryVO vo): string

InquiryService
+getInquiryList(InquiryVO vo): List<InquiryVO>
+writeInquiry(InquiryVO vo)
+updateInquiry(InquiryVO vo)
+deleteInquiry(InquiryVO vo)
+getInquiry(InquiryVO vo): InquiryVO

InquiryDAO *Interface13*

InquiryServiceImpl
-inquiryDAO: InquiryDAOMybatis
+getInquiryList(InquiryVO vo): List<InquiryVO>
+writeInquiry(InquiryVO vo)
+updateInquiry(InquiryVO vo)
+deleteInquiry(InquiryVO vo)
+getInquiry(InquiryVO vo): InquiryVO

InquiryDAOImpl
-mybatis: SqlSessionTemplate
+getInquiryList(InquiryVO vo): List<InquiryVO>
+writeInquiry(InquiryVO vo)
+updateInquiry(InquiryVO vo)
+deleteInquiry(InquiryVO vo)
+getInquiry(InquiryVO vo): InquiryVO

Interface

ChatVO
-chatId: int
-mNum: int
-chatOpenDate: date
-chatUpdateTime: date
-chatMessage: string

ChatController
+chat()

ChatService *Interface21*
ChatDAO *Interface22*

ChatServiceImpl
+chat()

ChatDAOImpl
+chat()

NotificationVO
-notId: int
-mNum: int
-hNum: int
-clubNum: int
-bNum: int
-chatId: int
-notType: string
-notMessage: string
-notUrl: string
-notDatetime: date

NotificationController
+sendNotification()
+deleteNotification()

NotificationService *Interface23*
NotificationDAO *Interface24*

NotificationServiceImpl
+sendNotification()
+deleteNotification()

NotificationDAOImpl
+sendNotification()
+deleteNotification()

LoginService
+snsLogin()
+login()

LoginDAO *Interface12*

LoginController
+snsLogin()
+login()

LoginServiceImpl
-loginDAO: LoginDAO
+snsLogin()
+login()

LoginDAOImpl
-mybatis: SqlSessionTemplete
+snsLogin()
+login()

Interface8

ReviewVO
-rNum: int
-rContent: string
-rPic: string
-rRate: double
-rRegDate: date
-clubNum: int
-mNum: int
-rimg: MultipartFile

ReviewController
-reviewService: ReviewService
+searchConditionMap(): Map<string,string>
+getReviewList(ReviewVO vo): string
+writeReview(ReviewVO vo)
+updateReview(ReviewVO vo): string
+deleteReview(ReviewVO vo): string
+getReview(ReviewVO vo): string
+getReviewCount(ReviewVO vo): int
+getAverageRate(ReviewVO vo): double

ReviewService
+getReviewList(ReviewVO vo): List<ReviewVO>
+writeReview(ReviewVO vo)
+updateReview(ReviewVO vo)
+deleteReview(ReviewVO vo)
+getReview(ReviewVO vo): ReviewVO
+getReviewCount(ReviewVO vo): int
+getAverageRate(ReviewVO vo): double

ReviewDAO *Interface19*

ReviewDAOImpl
-mybatis: SqlSessionTemplate
+getReviewList(ReviewVO vo): List<ReviewVO>
+writeReview(ReviewVO vo)
+updateReview(ReviewVO vo)
+deleteReview(ReviewVO vo)
+getReview(ReviewVO vo): ReviewVO
+getReviewCount(ReviewVO vo): int
+getAverageRate(ReviewVO vo): double

ReviewServiceImpl
-reviewDAO: ReviewDAOMybatis
+getReviewList(ReviewVO vo): List<ReviewVO>
+writeReview(ReviewVO vo)
+updateReview(ReviewVO vo)
+deleteReview(ReviewVO vo)
+getReview(ReviewVO vo): ReviewVO
+getReviewCount(ReviewVO vo): int
+uploadReviewimg(ReviewVO vo)
+getAverageRate(ReviewVO vo): double

Interface

HeartService
+getHeartList(HeartVO): List<HeartVO>
+insertHeartList(HeartVO)
+deleteHeartList(HeartVO)
+getHeartListByCnt(HeartVO vo)

HeartVO
-heartNum: int
-heartTotal: int
-mNum: int
-clubNum: Int

HeartController
-heartService: HeartService
+getHeartList(HeartVO)
+insertHeartList(HeartVO)
+deleteHeartList(HeartVO)
+getHeartListByCnt(HeartVO vo)

HeartServiceImpl
-heartDAO: HeartDAOImpl
+getHeartList(HeartVO)
+insertHeartList(HeartVO)
+deleteHeartList(HeartVO)
+getHeartListByCnt(HeartVO vo)

HeartDAOImpl
-mybatis: SqlSessionTemplate
+getHeartList(HeartVO)
+insertHeartList(HeartVO)
+deleteHeartList(HeartVO)
+getHeartListByCnt(HeartVO vo)

Interface

ApplyService
+insertApply(ApplyVO vo)
+updateApply(ApplyVO vo)
+deleteApply(ApplyVO vo)
+getApply(ApplyVO vo): ApplyVO
+getApplyList(ApplyVO vo): List<ApplyVO>

ApplyVO
-aNum: int
-aDate: Date
-mNum: int

ApplyController
+applyController()
+insertApply(ApplyVO vo): String
+updateApply(ApplyVO vo): String
+deleteApply(ApplyVO vo): String
+getApply(ApplyVO vo): String
+getApplyList(ApplyVO vo): String

ApplyDAO *Interface14*

ApplyServiceImpl
-applyDAO: ApplyDAOImpl
+insertApply(ApplyVO vo)
+updateApply(ApplyVO vo)
+deleteApply(ApplyVO vo)
+getApply(ApplyVO vo): ApplyVO
+getApplyList(ApplyVO vo): List<ApplyVO>

ApplyDAOImpl
-mybatis: SqlSessionTemplate
+insertApply(ApplyVO vo)
+updateApply(ApplyVO vo)
+deleteApply(ApplyVO vo)
+getApply(ApplyVO vo): ApplyVO
+getApplyList(ApplyVO vo): List<ApplyVO>

Interface

ClubVO
-clubNum: int
-clubThumbPic: String
-clubName: String
-clubLeader: String
-clubTown: String
-clubType: String
-ClubCategory: String
-ClubOnOff: String
-clubCurNum: int
-clubMaxNum: int
-clubFeq: String
-clubContent: String
-clubContent2: String
-clubHashtag: String
-clubStartDate: Date
-clubEndDate: Date
-clubMakeDate: Date
-clubShutDate: Date
-clubFee: int
-clubHeart: int
-clubContent1Pic: String
-clubContent2Pic: String
-clubContent1img: MultipartFile
-clubContent2img: MultipartFile
-clubLatitude: double
-clubLongitude: double

ClubController
-clubService: clubMemberService
+getClubList(ClubVO vo): String
+getClub(ClubVO vo): String
+attendClub(ClubVO vo): Boolean
+updateClub(ClubVO vo): String
+deleteClub(ClubVO vo): String
+getMemberList(ClubVO vo)
+getTotal(ClubVO vo)
+getClubListByCategory(ClubVO vo)
+getClubListByMakeDate(ClubVO vo)

ClubService
+getClubList(ClubVO vo): List<ClubVO>
+getClub(ClubVO vo): ClubVO
+addClub(ClubVo vo)
+updateClub(ClubVo vo)
+deleteClub(ClubVo vo)
+getMemberList(ClubVO vo)
+getTotal(ClubVO vo)
+getClubListByCategory(ClubVO vo)
+getClubListByMakeDate(ClubVO vo)

ClubDAO *Interface18*

ClubDAOImpl
-mybatis: SqlSessionTemplate
+getClubList(ClubVO vo): List<ClubVO>
+getClub(ClubVO vo): ClubVO
+addClub(ClubVo vo)
+updateClub(ClubVo vo)
+deleteClub(ClubVo vo)
+getTotal(ClubVO vo)
+getClubListByCategory(ClubVO vo)
+getClubListByMakeDate(ClubVO vo)

ClubMemeberServiceImpl
-ClubDAO: ClubDAOMybatis
+getClubList(ClubVO vo): List<ClubVO>
+getClub(ClubVO vo): ClubVO
+addClub(ClubVo vo)
+updateClub(ClubVo vo)
+deleteClub(ClubVo vo)
+getTotal(ClubVO vo)
+getClubListByCategory(ClubVO vo)
+getClubListByMakeDate(ClubVO vo)

Interface

PaymentVO
-pNum: int
-pAmount: int
-pMethod: String
-pDate: Date
-mNum: int
-clubNum: int

PaymentController
-paymentService: PaymentService
+paymentController()
+insertPayment()
+getPayment()
+getPaymentList()

PaymentService
+insertPayment(PaymentVO vo)
+getPayment(PaymentVO vo): PaymentVO
+getPaymentList(PaymentVO vo): List<PaymentVO>

PaymentDAO *Interface15*

PaymentDAOImpl
-mybatis: SqlSessionTemplate
+insertPayment(PaymentVO vo)
+updatePayment(PaymentVO vo)
+deletePayment(PaymentVO vo)
+getPayment(PaymentVO vo): PaymentVO
+getPaymentList(PaymentVO vo): List<PaymentVO vo>

PaymentServiceImpl
-paymentDAO: PaymentDAOImpl
+insertPayment(PaymentVO vo)
+getPayment(PaymentVO vo): PaymentVO
+getPaymentList(PaymentVO vo): List<PaymentVO vo>

Interface

FaqVO
-faqNum: int
-faqCatagory: String
-faqTitle: String
-faqContent: String

FaqServiceImpl
-FaqDAO: BoardDAOMybatis
+getFaqList(FaqVO vo): List<FaqVo>
+getFaq(FaqVO vo): FaqVO
+addFaq(FaqVO vo)
+updateFaq(FaqVO vo)
+deleteFaq(FaqVO vo)

FaqServiceImpl
-FaqDAO: FaqService
-FaqDAO: BoardDAOMybatis
+getFaqList(FaqVO vo): List<FaqVo>
+getFaq(FaqVO vo): FaqVO
+addFaq(FaqVO vo)
+updateFaq(FaqVO vo)
+deleteFaq(FaqVO vo)

FaqDAO *Interface17*

FaqDAOImpl
-mybatis: SqlSessionTemplate
+getFaqList(FaqVO vo): List<FaqVo>
+getFaq(FaqVO vo): FaqVO
+addFaq(FaqVO vo)
+updateFaq(FaqVO vo)
+deleteFaq(FaqVO vo)

Interface

CommentVO
-commNum: int
-bNum: int
-clubNum: int
-mNum: int
-commClass: String
-commOrder: String
-commGroupNum: int
-commRegDate: Date

CommentController
-commentService: CommentService
+insertComment(CommentVO vo): String
+updateComment(CommentVO vo): String
+deleteComment(CommentVO vo): String
+getCommentList(CommentVO vo): String
+getCommentCnt(CommentVO vo): String

CommentService
+insertComment(CommentVO vo)
+updateComment(CommentVO vo)
+deleteComment(CommentVO vo)
+getCommentList(CommentVO vo): List <CommentVO>
+getCommentCnt(CommentVO vo)

CommentDAO *Interface16*

CommentServiceImpl
-commentDAO: CommentDAOImpl
+insertComment(CommentVO vo)
+updateComment(CommentVO vo)
+deleteComment(CommentVO vo)
+getCommentList(CommentVO vo)
+getCommentCnt(CommentVO vo)

CommentDAOImpl
-mybatis: SqlSessionTemplate
+insertComment(CommentVO vo)
+updateComment(CommentVO vo)
+deleteComment(CommentVO vo)
+getCommentList(CommentVO vo)
+getCommentCnt(CommentVO vo)

Interface

BoardVO
-bNum: int
-mNum: int
-bTitle: String
-bContent: String
-clubNum: int
-bRegDate: Date
-bPic: String

BoardController
-boardService: BoardService
+insertBoard(BoardVO vo): String
+updateBoard(BoardVO vo): String
+deleteBoard(BoardVO vo): String
+getBoard(BoardVO vo): String
+getBoardList(BoardVO vo): String

BoardService
+insertBoard(BoardVO vo)
+updateBoard(BoardVO vo)
+deleteBoard(BoardVO vo)
+getBoard(BoardVO vo)
+getBoardList(BoardVO vo): List<BoardVO vo>
+uploadBoardImg(BoardVO vo)

BoardDAO *Interface20*

BoardDAOImpl
-mybatis: SqlSessionTemplate
+insertBoard(BoardVO vo)
+updateBoard(BoardVO vo)
+deleteBoard(BoardVO vo)
+getBoard(BoardVO vo)
+getBoardList(BoardVO vo)
+uploadBoardImg(BoardVO vo)

BoardServiceImpl
-boardDAO: BoardDAOMybatis
+insertBoard(BoardVO vo)
+updateBoard(BoardVO vo)
+deleteBoard(BoardVO vo)
+getBoard(BoardVO vo)
+getBoardList(BoardVO vo)
+uploadBoardImg(BoardVO vo)

Interface

MypageService
+getTotalAmount()
+getAttendClubCnt()
+getCompletedClubCnt()
+getClubCntByMe()
+getPayClubList()
+getFreeClubList()
+updatePoint(MemberVO)

MypageDAO
+getTotalAmount()
+getAttendClubCnt()
+getCompletedClubCnt()
+getClubCntByMe()
+getPayClubList()
+getFreeClubList()
+updatePoint(MemberVO)

MypageServiceController
+getTotalAmount(): string
+getAttendClubCnt(): string
+getCompletedClubCnt(): string
+getClubCntByMe(): string
+getPayClubList(): string
+getFreeClubList(): string

MypageServiceImpl
-mypageDAO: MypageDAO
+getTotalAmount()
+getAttendClubCnt()
+getCompletedClubCnt()
+getClubCntByMe()
+getPayClubList()
+getFreeClubList()
+updatePoint(MemberVO)

MypageDAOImpl
-mybatis: SqlSessionTemplate
+getTotalAmount()
+getAttendClubCnt()
+getCompletedClubCnt()
+getClubCntByMe()
+getPayClubList()
+getFreeClubList()
+updatePoint(MemberVO)

Interface9, Interface10

AdminService *Interface26*
AdminDAO *Interface25*

AdminController
+chart()
+kickMember(MemberVO vo)
+sendNotice(NotificationVO vo)

AdminServiceImpl
+chart()
+kickMember(MemberVO vo)
+sendNotice(NotificationVO vo)

AdminDAOImpl
+chart()
+kickMember(MemberVO vo)
+sendNotice(NotificationVO vo)