
Phase 2

Programming on the Web
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Description

1. Feature and Functionality Specification

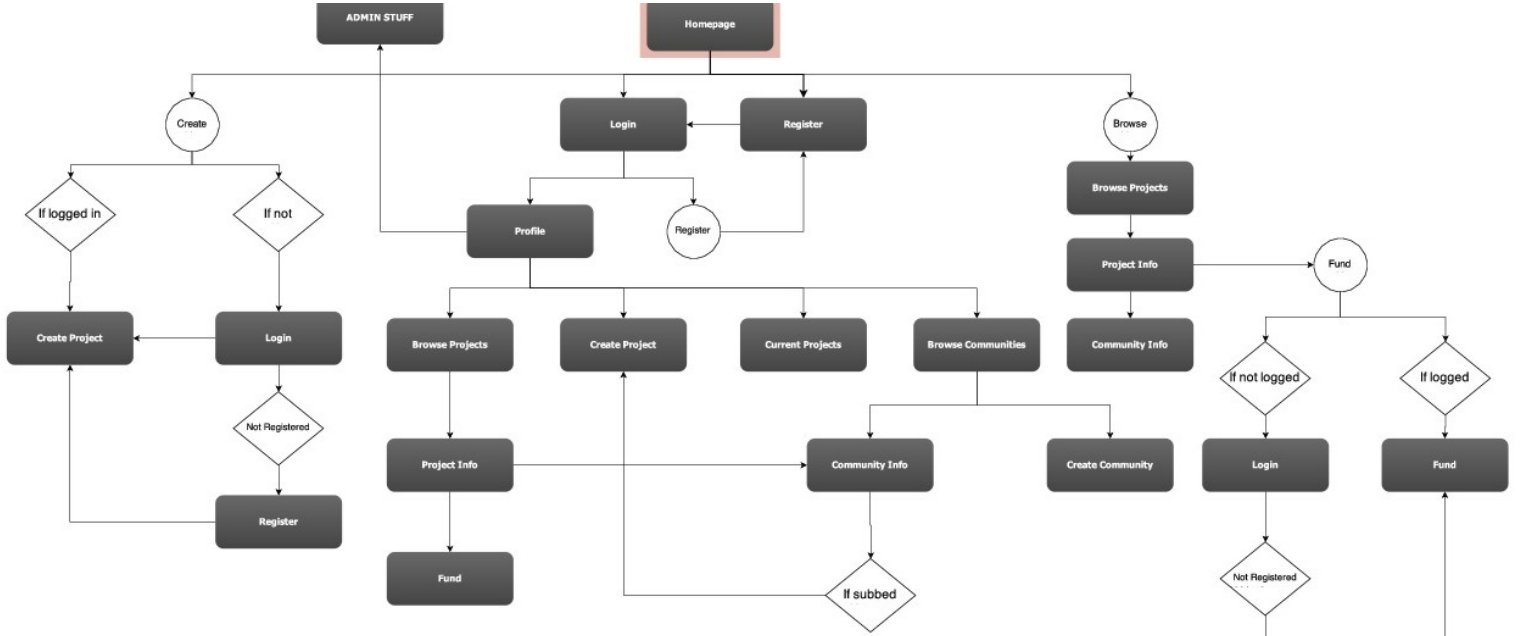


Figure 1: Website Flowchart

2. Project Plan

3. Software Architecture and High-level Design

4. Information Representation
- User(userId name, email, dob, password)
 - Transaction(user, project, date, amount)
 - Communities(cId, project)
 - Project(pId, name, description, date, creator, totalAmount, community)
 - Review(project, rate)
 - MemberOf(community, user)

$Project(creator) \subseteq User(userId)$
 $Transaction(user) \subseteq User(userId)$
 $MemberOf(user) \subseteq User(userId)$
 $Review(project) \subseteq Project(pId)$
 $Transaction(project) \subseteq Project(pId)$
 $Community(project) \subseteq Project(pId)$
 $MemberOf(community) \subseteq Communities(cId)$
 $Project(community) \subseteq Communities(cId)$
 $TestStrategyandTestPlan$

