**Team 52 - PartyFreaks – PartyGuard Web Application – Srichaitanya Peddinti**

**Client:** Jacob Stansbury ([S516098@mail.nwmissouri.edu](mailto:S516098@mail.nwmissouri.edu))

**Roles and Responsibilities:**

1. Primary Contact:  Prem Abishai Parise
2. Client management:  Nihitha Reddy Bhimireddy
3. Requirements management: Lokesh Reddy Pothapu
4. **Data management: Srichaitanya Peddinti**
5. Issues management: Sindhuja Pannala
6. Quality and testing management:  Spandana Velaga
7. Communications and documentation management: Gopinadh Cherupally

**Artifacts:**

1. Database Design:

Percentage completion – 50%

As it’s really crucial component and it needs to be prepared with collaboration of Web services Team (Team 22), iOS and Android teams there is a slight delay in completing this task. However, it doesn’t impact our short term goal (Client demo 1).

1. Web services client POC with AWS Dynamo DB:

Percentage completion – 70% (As per schedule). The below artifacts are in zip folder because the IDE i have used for these POC is Eclipse Neon and currently it is unable to connect to GitHub. These are completed and can be presented to the instructor at any point of time.

[https://github.com/s525080/PartyGuardWebApp\_PartyFreaks/tree/AWS-poc (Links to an external site.)](https://github.com/s525080/PartyGuardWebApp_PartyFreaks/tree/AWS-poc)

[https://github.com/s525080/PartyGuardWebApp\_PartyFreaks/blob/PartyGuard\_Working/CalServiceClient.zip (Links to an external site.)](https://github.com/s525080/PartyGuardWebApp_PartyFreaks/blob/PartyGuard_Working/CalServiceClient.zip)

[https://github.com/s525080/PartyGuardWebApp\_PartyFreaks/blob/PartyGuard\_Working/CalculatorService.zip (Links to an external site.)](https://github.com/s525080/PartyGuardWebApp_PartyFreaks/blob/PartyGuard_Working/CalculatorService.zip)

**Accomplishments**:

1. Research on dynamo DB and integrating with Eclipse IDE. - Effort 2 hrs
2. Engaged in self-paced training on Amazon Web Services Dynamo DB. - Effort 6 hrs
3. Installed Dynamo DB on local system and experimented with the concepts. - Effort 2 hrs
4. Created a Java application which will perform CRUD operations on locally installed Dynamo DB - Effort 1 hr
5. Modified the Java application which will perform CRUD operations on Dynamo DB which is stored on the cloud platform. - Effort 1 hr
6. Collaborated with iOS team and discussed about data flow and database design. - Effort 1 hr

**Planned Work for this week:**

1. As POC on web services is completed need to implement the concepts in our application, this can’t be achieved in a single week as it needs continuous collaboration with web services team and the requirements may change dynamically. – Estimated effort for next week 8 hours.
2. Team meeting to know the progress of each individuals task – Estimated effort 2 hours.
3. Collaboration with Web services team to explain our data flow, required data fields from their side and to finalize the database design. – Estimated effort – 4 hours.

**Future Work:**

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| --- | --- | --- | --- |
| **Week** | **Tasks (Web services and DB design)** | **Status** | **Challenges** |
| Week 03 | Finalize DB design and work on Web service implementation. | Initial DB design from our side has been completed but we have to collaborate with Web services team again to explain and finalize the design. |  |
| Week 04 | Store the sample data in Dynamo DB and retrieve it to display on the web pages. | POC is completed | Integrating Dynamo DB jar files to NetBeans IDE |

**Unresolved challenges:**

NetBeans IDE is having issues with integrating with AWS dynamo DB and there is no sufficient documentation regarding this issue.