**Stake-Holders:**

It refers to a person or even groups of people who will be affected by our software product or who has any kind of relation or interest in our software project. Stakeholders can be everywhere whether as external or internal in our software house, it mostly depends on our software project.

**Role of Stakeholders:**

There are multiple types of stakeholders which carries their different types of roles in our software project so firstly lets group them into two main groups which are following:

* Internal stakeholder.
* External stakeholder.

1. **Role and Working of Internal Stakeholders:**

From developer point of view there are various stakeholders at different stages according to hierarchy like project manager, developer, sponsors, resource manager, project team etc.

* **Role and Working of Project Manager:**

He has multiple roles to play at its correct time. Firstly he is much important for his team because he has vast amount of knowledge to share with its team and to prevent bottleneck conditions and he also has professional skills through which he helps his team solve bugs and defects. On the other hand, he also has abilities like communicational and leading and so on which helps to manage his overall team to finish project on time and efficiently.

* **Role and Working of Sponsors:**

All the funds and money which we get in order to fulfill our needs like 3rd party softwares, environmental cost, developers cost etc is paid by our sponsors. They play a vital role in fulfilling our financial needs.

* **Role and Working of Resource Manager:**

Their role is mainly concerned with our needs regarding new hiring, 3rd party softwares, premium apis like google maps and navigation api, repair of our systems, providing servers for our backup and so on.

* **Role and Working of Team Members:**

Mostly team members include software architect, developers, testers, manager, project lead, end-users. Team plays a main role in developing software project. They follow instruction and requirements given by client and develops software according to it. Like manager manages overall project while project lead leads team checks progress on hourly basis and gives report to project manager to identify and calculate overall results and testers test that code written by developers. End users included in order to check that our project usability factor whether it is easy for users to access or not.

* **Role and Working of Portfolio Steering Committee:**

This committee is responsible for providing strategic guidance regarding the portfolio of the project. It also keeps a check over the status of the portfolio, the risks involved, and their potential solutions.

* **Role and Working of Project Management Office (PMO):**

Project Management Office of an organization is responsible for maintaining standards necessary for project management and make sure that these standards are fulfilled, they also monitor the overall project management process.

1. **Role of External Stakeholders:**

People who are involved in our project indirectly and are external from our organization even they also play an important role in our software project. So these people are considered as external stakeholders.

* **Role of Customer:**

Customer is basically our client which provides software requirements specification document (SRS) through which we make our software. His satisfaction is very much important for us because he will pay us for entire software project. He plays his role throughout the project because on every release he checks and verifies our software project and pays for our recent release.

* **Role of End-user:**

These are the people who are basically the customer of our client and they are important for our customer because our client’s business is completely depended on them so they are also important for us indirectly. Several factors are considered as important because of them like usability, design, interface should be easy and so on. So their role and responsibility is all here to test our project and tell us whether they can use it easily and it has good performance along with good interface.

* **Role of Supplier:**

An individual or foundation that gives any kind of supply vital for the culmination of the venture, like gear, merchandise, or administrations required for the execution and accomplishment of the task.

* **Role of Competitors:**

Since each organization can, straightforwardly or by implication, influence the production of its rivals, therefore, they fall under the category of the stakeholders.

* **Role of Regulatory Bodies:**

A regulatory body is responsible for developing laws and imposing them to safeguard the well-being of the people and resources involved in the project and makes sure that all laws are being adhered by the organization.

* **Role of Shareholders:**

These are the people who have invested in project partially like they have some shares in it so they also ask our progress and also checks time by time our project whether their investment is been used good or not. They also plays their role in giving suggestions related to our design and test cases.

* **Government:**

A government is responsible for approving the acknowledgment of the task or it may become an end-consumer of the product itself.