Software Project Management Lab 4

UberRUSH

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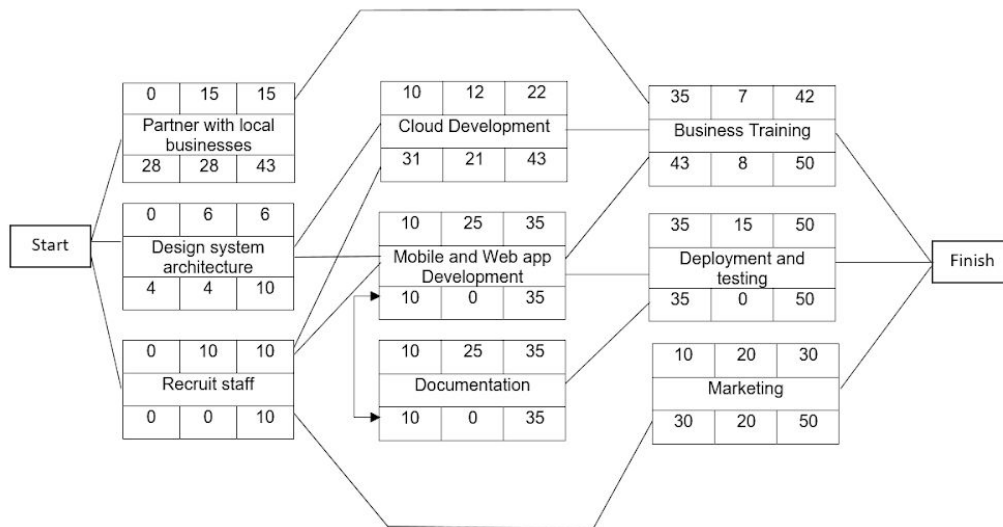Amalnnath Parameswaran 100585138
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Risks and countermeasures:

Activity	Risk	Counter Measure	Tasks
Recruit staff	*Under Staffed:* Project may require more staff than estimated.	Hire minimum staff that may be necessary to carry the job.	Hire extra staff that is willing to work on call.
Partner with local businesses	*Business not cooperating:* All business may not agree with partnership	Prioritize whose partnership you will need. Focus on top 10%	Hold an open panel discussion to find out what other businesses are interested in. Develop contract based on common interests of business as well as UberRUSH.

Teams and resources:

Teams:
- Human resources (HR)
    - Jake: *Talent acquisition*
    - Ashley: *Engineering Recruitment*
    - Courtney: *Campus recruitment*

- Marketing and business development
  - Daniel: *Digital marketing*
  - Sarah: *Business development*
  - Bethenny: *Marketing*
- Development
  - Mohamed: *Software development*
  - Amal: *Software development*
  - Mohtasim: *System Analyst*
  - Tyler: *QA analyst*

Resource Allocation:

Activity	Resources
Partner with local businesses	Sarah
Design system architecture	Mohtasim
Recruit staff	Jake, Ashley, Courtney
Cloud development	Amal, Mohamed, Tyler
Mobile and web app development	Amal, Mohamed, Tyler
Documentation	Mohtasim
Business training	Sarah
Deployment and testing	Tyler
marketing	Daniel, Bethenny

Work occurs on regular working days (Monday to Friday) with Uber Day, a day for Uber Employees where they are able to take the day off given on March 13th as well as Family Day or Feb 18th.

Two risk mitigation tasks that we have added is an Open Beta Period to get feedback on whatever has been currently developed. There will also be a Benchmarking & Simulation period to assure that the system behaves as expected within the current architecture in place. We will also assure that

apart from the minor bugs that will be detected in testing, that the performance is as expected within a certain threshold.

We have placed marketing as our independent task since it is not reliant on any other tasks. We would ideally like it to occur in between integration and testing, since we have a high confidence in the product at that stage.

As you can also tell from the Gantt Chart, Development is a summary task consisting of three types of development as well as documentation.

Task Name	Duration	Start	Finish	Predecessors	Resou
Partner with Local Businesses	15 days	Mon 2/11/19	Mon 3/4/19		Busin
Design System Architecture	6 days	Mon 2/11/19	Tue 2/19/19		Syste
Recruit Staff	10 days	Mon 2/11/19	Mon 2/25/19		Huma
◢ Development	25 days	Tue 3/5/19	Tue 4/9/19	1	Devel
Cloud Development	12 days	Tue 3/5/19	Thu 3/21/19		Dev T
Mobile Development	25 days	Tue 3/5/19	Tue 4/9/19		Dev T
Web Development	25 days	Tue 3/5/19	Tue 4/9/19		Dev T
Documentation	25 days	Tue 3/5/19	Tue 4/9/19	1	Dev T
Open Beta Period	1 day	Fri 3/22/19	Fri 3/22/19	5	Busin
Benchmarking & Simulation	1 day	Wed 4/10/19	Wed 4/10/19	4	QA Te
Business Training	7 days	Fri 4/12/19	Mon 4/22/19	4	Busin
Deployment	15 days	Wed 4/10/19	Tue 4/30/19	4	IT Tea
Marketing	20 days	Mon 4/15/19	Fri 5/10/19		Busin
Testing	15 days	Wed 5/1/19	Tue 5/21/19	12	QA Te