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Submission Instructions
1. After you've completed all the sections, download this document as a PDF [File → Download as PDF]
2. Create a new GitHub repo for the capstone. Name it "**Capstone Project**"
3. Add this document to your repo. Make sure it's named "**Capstone_Stage1.pdf**"

GitHub Username: hbahuguna

Pregnancy tips and tools

Description

Pregnancy: on one hand, it's the most breathtaking thing you've ever experienced. On the other, it's a long way from conception to birth. This app is here to prepare you for the greatest journey that any human can ever take--from the moment two cells become one to the second that your

little baby makes its first appearance outside the comforting she'll of your belly. Based on your due date, you will receive notifications about the milestones and suggestions.
You will also get to take the quizzes to learn about yourself during these nine months. quiz scores will serve as a beacon to help you navigate the pregnancy.
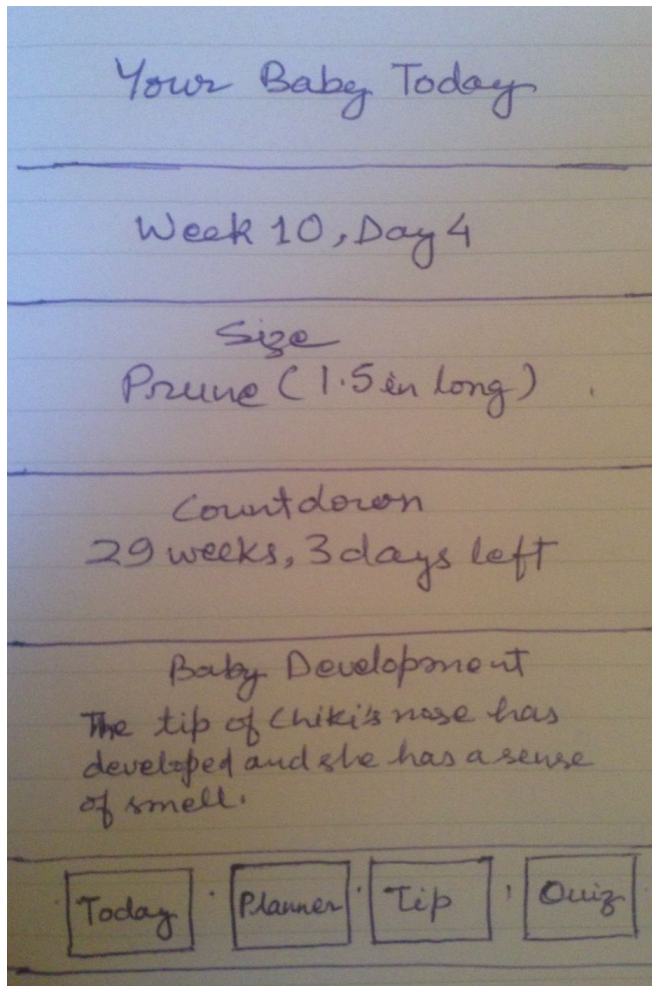
Intended User

Pregnant women.

Features

- Personalized pregnancy calendar with milestones and suggestions
- Quizzes
- Tips and tools

User Interface Mocks

These can be created by hand (take a photo of your drawings and insert them in this flow), or using a program like Photoshop or Balsamiq.

Main Screen Baby General Info by Day

-

Replace the above image with your own mock [click on the above image, then navigate to Insert → Image...]
Provide descriptive text for each screen

Pregnancy Planner:

Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7
						Your baby was conceived
						Blastocyst implants
you might want to do a home pregnancy				Start taking prenatal vitamin		
Schedule your 1st prenatal visit		Keep a Pregnancy Diary		feeling Nausea, a list of foods		

WEEKS 1 - 6

[Today] [Planner] [Tip] [Quiz]

App Widget :

11 Weeks
Chiki's arms and legs are developing.
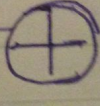
Quiz :

Replace the above image with your own mock [click on the above image, then navigate to Insert → Image…]
Provide descriptive text for each screen

Add as many screens as you need to portray your app's UI flow.

Key Considerations

How will your app handle data persistence?

This app will use SQLite database to store information.

Describe any corner cases in the UX.

Need to think about where to place ads in the app.

Describe any libraries you'll be using and share your reasoning for including them.

I am probably going to use Butter Knife for easy view bindings and Picasso for image loading.

Describe how you will implement Google Play Services.

Admob for the revenue generation, Google analytics for user tracking, Google authentication for authentication.

Next Steps: Required Tasks

This is the section where you can take the main features of your app (declared above) and decompose them into tangible technical tasks that you can complete incrementally until you have a finished app.

Task 1: Project Setup

- Create project in Android Studio and setup git.
- Gradle management, setup libraries, payed and free version, etc.
- Setup unit test framework

Task 2: Implement UI for Each Activity and Fragment

- Build UI for MainActivity
- Build UI for pregnancy planner
- Build UI for pregnancy quiz

- Build UI for tips and tools section
- Build App Widget

Task 3: Implement Google Play Services

- Implement Google Analytics
- Implement Admob
- Create build variants for free and paid versions
- Handle error cases

Task 4: Design for tablets

- Design for larger view ports

Task 5: Testing

- Write test cases
- Test app

Add as many tasks as you need to complete your app.

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